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Department of Water and Power

City of Los Angeles, California

F O R E W O R D

This Supplemental Report of the Los Angeles Department of Water and Power has been printed to furnish statistical data which were not included in the Annual Report for the fiscal year ended June 30, 1975. We have included also ten-year tables which will provide a convenient comparative reference.

Carl M. Tamaki

CARL M. TAMAKI
General Manager and Chief Engineer

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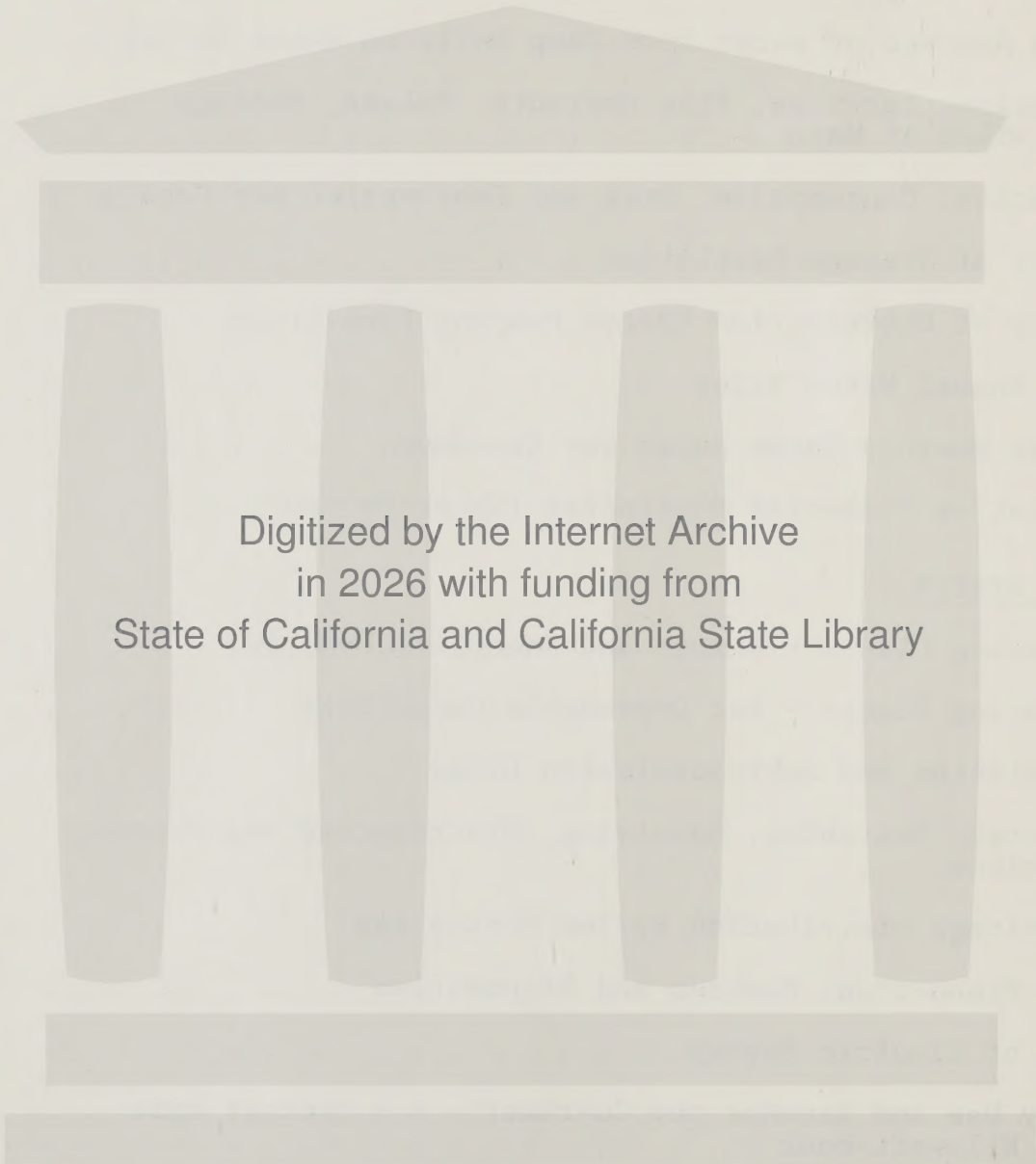

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WATER SYSTEM

HYDROLOGIC DATA - LOS ANGELES AQUEDUCT

CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM

For Years Ending June 30

ITEM	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
RAINFALL (inches)										
Cain Ranch (Mono Basin)	12.75	12.34	12.94	8.70	8.25	8.51	17.91	7.46	15.22	11.69
Long Valley Reservoir	6.99	10.58	13.36	6.40	8.95	5.53	25.20	4.99	14.03	9.30
Bishop (U.S.W.B.)	2.76	6.32	7.24	2.54	3.39	2.51	18.02	1.89	8.97	5.47
Independence	3.03	4.91	7.32	1.72	4.20	3.32	16.12	2.19	12.76	3.67
Haiwee Reservoir	6.00	7.82	7.66	3.43	5.34	4.12	13.49	6.68	9.25	6.69
Fairmont Reservoir	13.45	12.01	18.13	9.46	15.00	8.16	32.92	14.02	22.54	23.47
Los Angeles (U.S.W.B.)	14.35	14.92	21.26	7.17	12.12	7.77	27.47	16.58	22.00	20.44
MEAN ANNUAL FLOW (cfs)										
At East Portal (Mono Basin)	182.1	185.9	146.7	163.0	148.4	93.1	69.5	76.7	85.2	117.8
From Long Valley	371.3	395.3	289.5	402.1	388.0	335.3	394.4	309.9	326.1	286.9
Out of Haiwee	647.6	648.8	650.1	675.1	680.5	498.0	495.3	498.3	464.9	468.2
Into City	634.9	636.7	633.6	646.3	627.5	491.8	479.3	468.2	442.9	449.8
AQUEDUCT RESERVOIR STORAGE (Ac. Ft. on July 1)										
Grant Lake	39865	36914	41528	27566	38431	43427	33073	36914	48954	44923
Long Valley	166604	161698	157359	105296	134103	179793	140718	157838	138050	154508
Pleasant Valley	3533	3261	2919	2929	3083	3325	3955	2858	3815	3434
Tinemaha	11780	13664	8039	12778	9804	13847	16600	115	1652	1169
Haiwee	42437	41741	37955	42253	50584	52636	41508	52528	43215	44222
Fairmont	5308	5237	5550	5037	5290	3485	5117	5263	5237	4010
Bouquet	31684	30027	34335	35198	34030	21572	32586	31157	31694	33125
Dry Canyon	0	0	0	0	0	0	0	0	0	0
Total	301211	292542	287685	231057	275325	318085	273557	286674	272617	285391

WATER SUPPLY & CONSUMPTION FOR YEAR ENDING JUNE 30

Average Flow in Cubic Feet Per Second

	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
SUPPLY										
Local Wells:										
Upper Basin Los Angeles River	88.8	85.5	85.2	81.5	79.9	91.1	87.6	144.1	128.6	156.8
Central Basin	21.5	16.8	20.2	17.6	19.1	21.6	20.7	20.0	15.0	14.8
West Coast Basin	3.5	3.4	4.7	4.3	3.0	2.8	2.6	2.1	1.3	2.3
Subtotal Local Wells	113.8	105.7	110.1	103.4	102.0	115.5	110.9	166.2	144.9	173.9
Los Angeles Aqueduct	634.9	636.7	633.6	646.3	627.4	491.8	479.5	468.2	442.9	449.8
Metropolitan Water District	44.9	35.2	45.3	82.4	72.1	203.0	162.6	130.4	133.5	115.0
Gross Supply	793.6	777.6	789.0	832.1	801.5	810.3	753.0	764.8	721.3	738.7
Loss:										
Release for groundwater storage	8.8	0.0	0.4	0	2.8	2.0	5.2	4.7	6.8	6.9
To (or from) local surface storage	1.8	(2.6)	(2.3)	(1.0)	(7.5)	(10.5)	(6.3)	(1.0)	(3.8)	2.4
Storage Diversions	10.6	2.6	1.9	1.0	4.7	8.5	1.1	3.7	3.0	9.3
Net Supply	783.0	780.2	790.9	833.1	806.2	818.8	754.1	761.1	718.3	729.4
DISTRIBUTION										
Producing Revenue										
Residential	361.5	361.6	365.0	397.5	384.5	387.3	360.5	365.9	348.3	358.6
Commercial	299.1	299.1	298.5	294.1	288.7	288.3	276.2	266.4	251.7	245.0
Industrial	8.7	3.6	3.7	5.3	5.6	6.8	6.9	7.3	7.8	5.2
Combined irrigation and residential	1.4	1.5	1.5	1.6	1.4	1.8	1.6	1.8	1.9	1.9
Intermittent Irrigation	4.2	5.0	5.6	7.1	6.9	8.0	7.6	10.3	9.3	12.7
*Power System	5.0	6.0	7.9	7.0	6.1	6.4	7.4	6.6	7.6	7.3
*Other L.A. City Departments	31.2	30.1	29.7	32.8	30.1	30.3	27.2	28.0	25.9	25.0
*Other Governmental	18.8	21.5	21.9	24.3	23.7	23.3	22.3	22.2	20.5	21.1
Other Water Utilities	0.0	0.0	0.2	1.0	1.1	-	-	-	-	-
Subtotal producing revenue	729.9	728.4	734.0	770.7	748.1	752.2	709.7	708.5	673.0	676.8
Nonrevenue										
Purpose of Enterprise	0.7	0.8	0.9	1.0	1.0	1.0	0.8	0.9	0.8	0.8
Net reservoir evaporation loss	2.7	3.0	2.9	4.2	4.6	6.6	5.6	8.6	6.6	6.9
**Others	49.7	48.0	53.1	57.2	52.5	59.0	38.0	43.1	37.9	44.9
Subtotal nonrevenue	53.1	51.8	56.9	62.4	58.1	66.6	44.4	52.6	45.3	52.6
Total Distribution	783.0	780.2	790.9	833.1	806.2	818.8	754.1	761.1	718.3	729.4
AVERAGE POPULATION SERVED (Millions)***	2.786	2.836	2.870	2.858	2.862	2.975	2.965	2.932	2.817	2.772
GALLONS PER CAPITA PER DAY										
Net Demand	182	178	178	188	182	178	164	168	165	170
Excluding Intermittent Irrigation	181	177	177	187	180	176	163	166	163	167

NOTES: *These three items total to the quantities shown as "Governmental" in statistics relating to water sales.
**Meter discrepancies, reservoir seepage, main leaks and other minor uses and losses.
***Average population served 1970-71 through 1972-73 adjusted to conform with 1970 census data, 1973-74 adjusted to conform with Los Angeles County Regional Planning Commission Data, 1974-75 based on State Department of Finance Data.

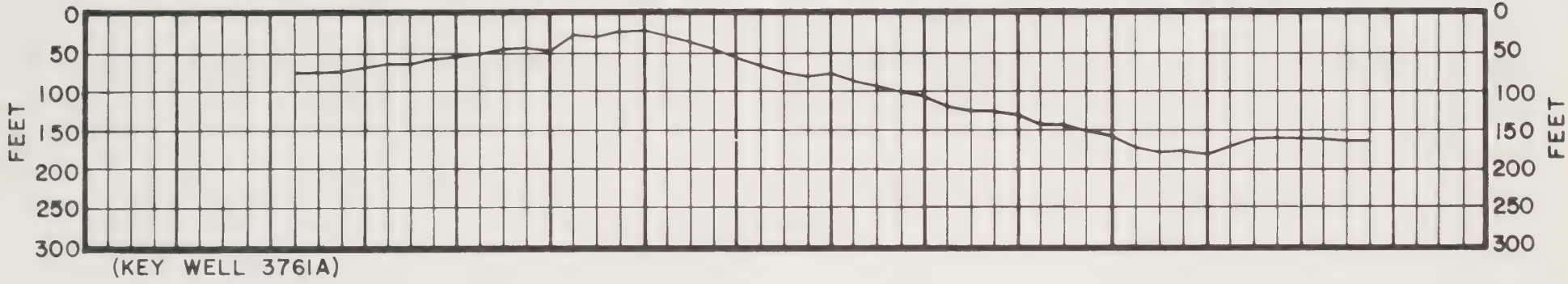
LOS ANGELES WATER MAINS AND SERVICES

City of Los Angeles - Department of Water and Power - Water System

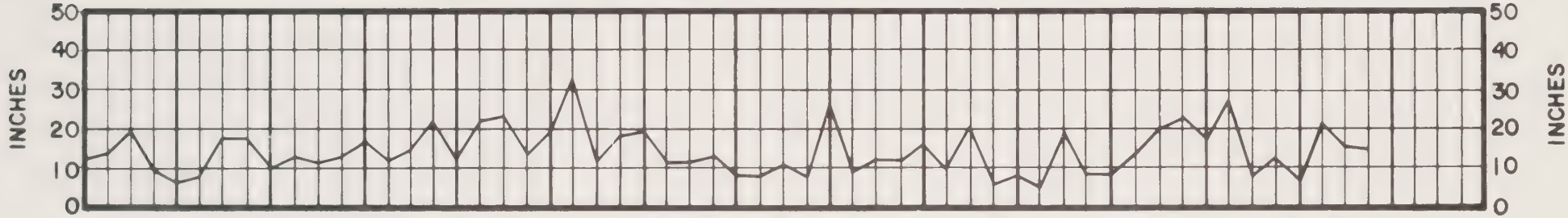
	1975	1974**	1973**	1972**	1971**	Inventory 1970	1969	1968	1967	1966
Feet of Pipe by Size on June 30										
MAINS IN SYSTEM* (Diam.-inches)										
4	4,506,936	4,594,072	4,661,605	4,751,549	4,861,302	4,925,159	4,911,611	5,046,410	5,020,875	5,151,203
6	15,629,397	15,608,124	15,564,186	15,504,899	15,442,008	15,330,387	15,221,252	15,145,961	15,046,828	14,970,004
8	8,615,957	8,551,460	8,484,312	8,386,328	8,313,095	8,198,426	8,147,066	8,050,621	7,944,893	7,808,605
12	3,780,594	3,764,864	3,731,932	3,728,879	3,710,468	3,684,622	3,631,627	3,597,404	3,553,916	3,511,774
16	805,500	802,596	801,752	797,670	796,901	790,336	789,083	781,932	780,907	763,544
20	409,262	407,441	406,363	394,636	400,178	396,638	366,886	353,274	347,123	338,965
24	564,552	560,834	559,142	554,206	572,075	568,422	543,862	540,727	537,917	527,808
30	318,556	318,258	318,231	314,531	334,645	334,093	330,728	318,684	318,666	325,028
36	475,922	468,674	464,041	463,571	451,521	451,611	441,069	440,169	440,081	440,020
48	212,744	212,514	212,468	212,891	216,295	216,310	217,266	216,819	216,793	212,197
60	388,434	380,672	380,637	379,828	371,862	371,862	374,504	349,058	341,260	335,001
78	225,084	225,283	225,298	225,254	224,771	224,242	226,801	226,801	226,801	226,808
99	6,245	5,925	5,871	5,871						
120	1,838	1,838								
TOTAL FEET	35,941,021	35,902,555	35,815,838	35,720,113	35,695,121	35,492,108	35,201,755	35,067,860	34,776,060	34,610,957
TOTAL MILES	6,807.0	6,799.7	6,783.3	6,765.2	6,760.4	6,722.0	6,667.0	6,641.6	6,586.4	6,555.1
Kind of Pipe in Miles and Percent of Total on June 30										
NON-METALLIC-miles	581.1	573.5	568.6	559.2	543.4	529.1	509.6	496.3	469.4	449.3
%	8.5%	8.4%	8.4%	8.3%	8.1%	7.9%	7.6%	7.5%	7.1%	6.9%
STEEL -miles	997.4	984.4	980.2	957.3	962.5	944.1	912.5	919.5	882.3	867.7
-%	14.7%	14.5%	14.4%	14.1%	14.2%	14.0%	13.7%	13.8%	13.4%	13.2%
CAST IRON -miles	5,228.5	5,241.8	5,234.5	5,248.7	5,254.5	5,248.8	5,244.9	5,225.8	5,234.7	5,238.1
-%	76.8%	77.1%	77.2%	77.6%	77.7%	78.1%	78.7%	78.7%	79.5%	79.9%
Valves, Hydrants, and Services on June 30										
VALVES ON MAINS										
Number	97,609	96,966	96,334	95,734	95,141	94,248	93,661	92,962	92,092	91,235
Per mile of main	14.3	14.3	14.2	14.2	14.1	14.0	14.0	14.0	14.0	13.8
Feet of main per valve	368.2	370.3	371.8	373.1	375.2	376.6	375.8	377.2	377.62	379.4
FIRE HYDRANTS										
Number	49,069	48,570	47,988	47,495	46,850	46,128	45,566	44,993	44,268	43,484
Per mile of main	7.2	7.1	7.1	7.0	6.9	6.9	6.8	6.8	6.7	6.6
Feet of main per hydrant	732.5	739.2	746.3	752.1	761.9	769.4	772.5	779.4	785.6	795.9
ACTIVE SERVICES										
Number	619,028	617,788	615,850	616,048	617,505	620,039	617,306	618,486	608,157	607,316
Per mile of main	90.9	90.9	90.8	91.1	91.3	92.2	92.6	93.1	92.3	92.6
Average spacing (feet)	58	58	58	58	58	57	57	57	57	57
NO. OF METERS	618,846	617,644	615,982	616,173	617,592	618,963	616,821	618,655	607,683	607,050

* Quantities for nominal diameters shown include minor footages of next smaller intermediate diameter pipe.
** These figures subject to adjustment.

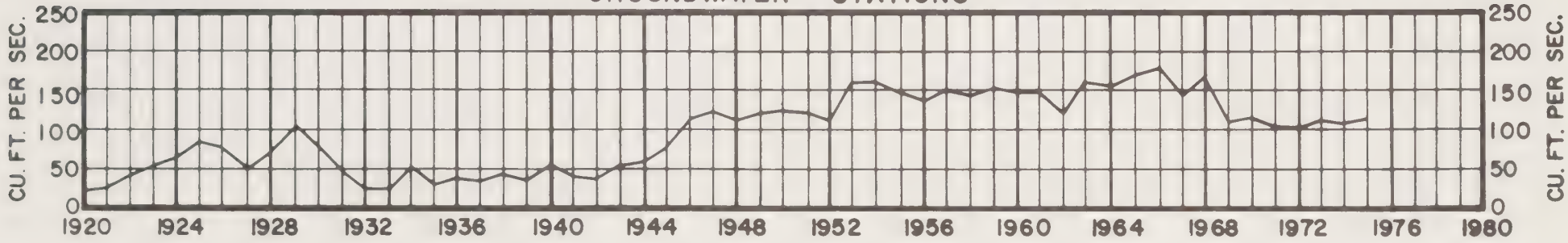
DEPTH TO GROUNDWATER IN SAN FERNANDO VALLEY WELL BASIN



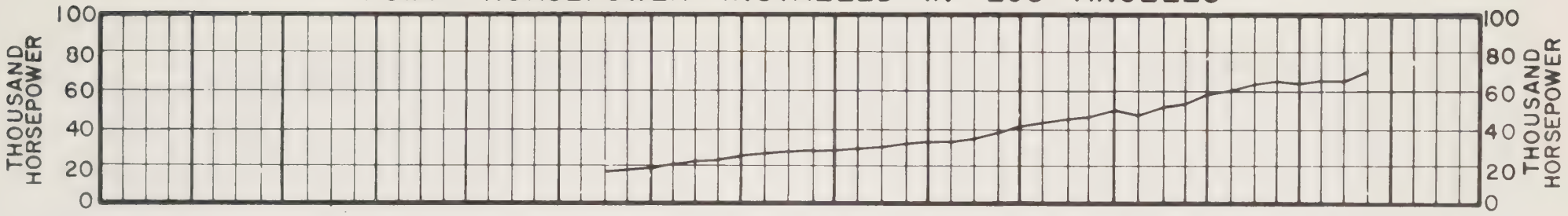
LOS ANGELES ANNUAL RAINFALL



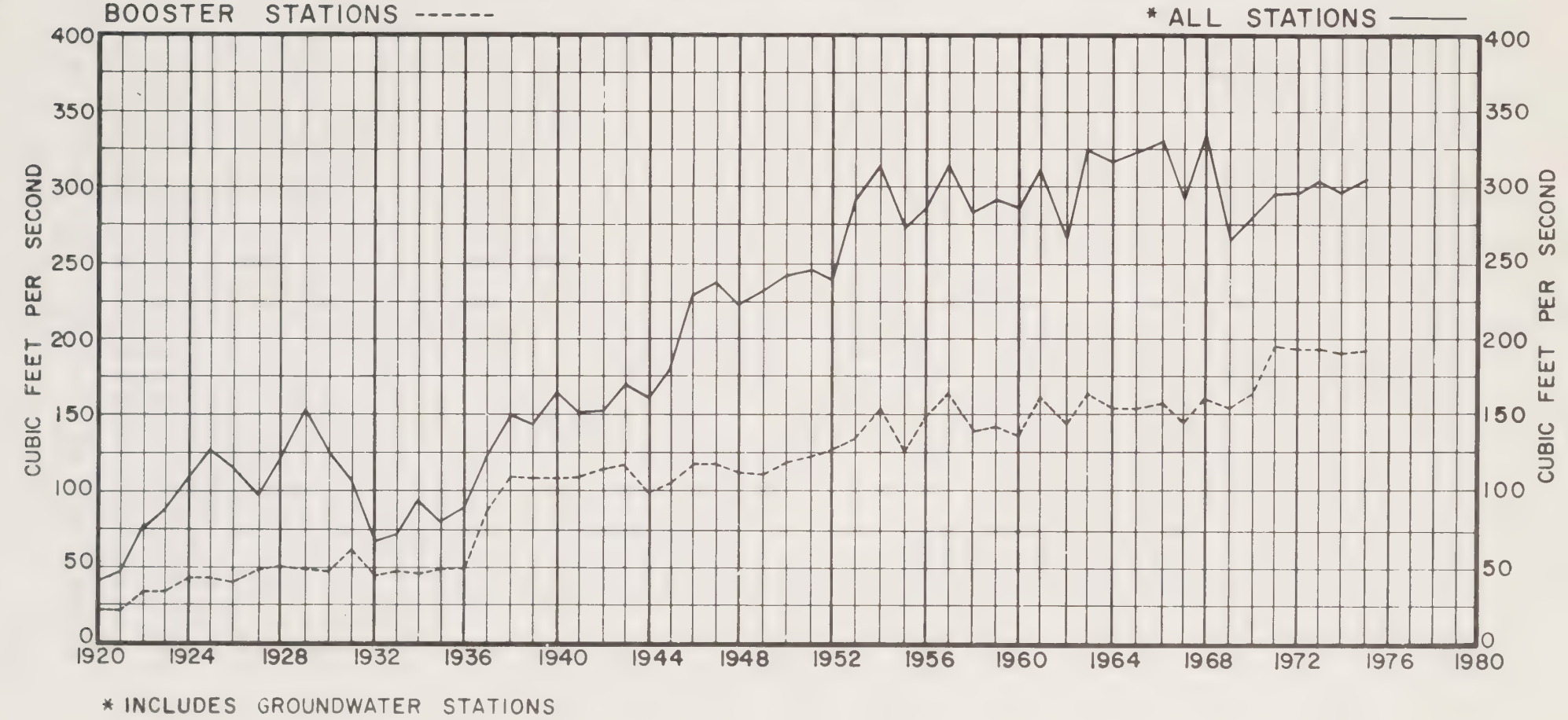
ANNUAL AVERAGE OF WATER FROM WELLS IN LOS ANGELES GROUNDWATER STATIONS



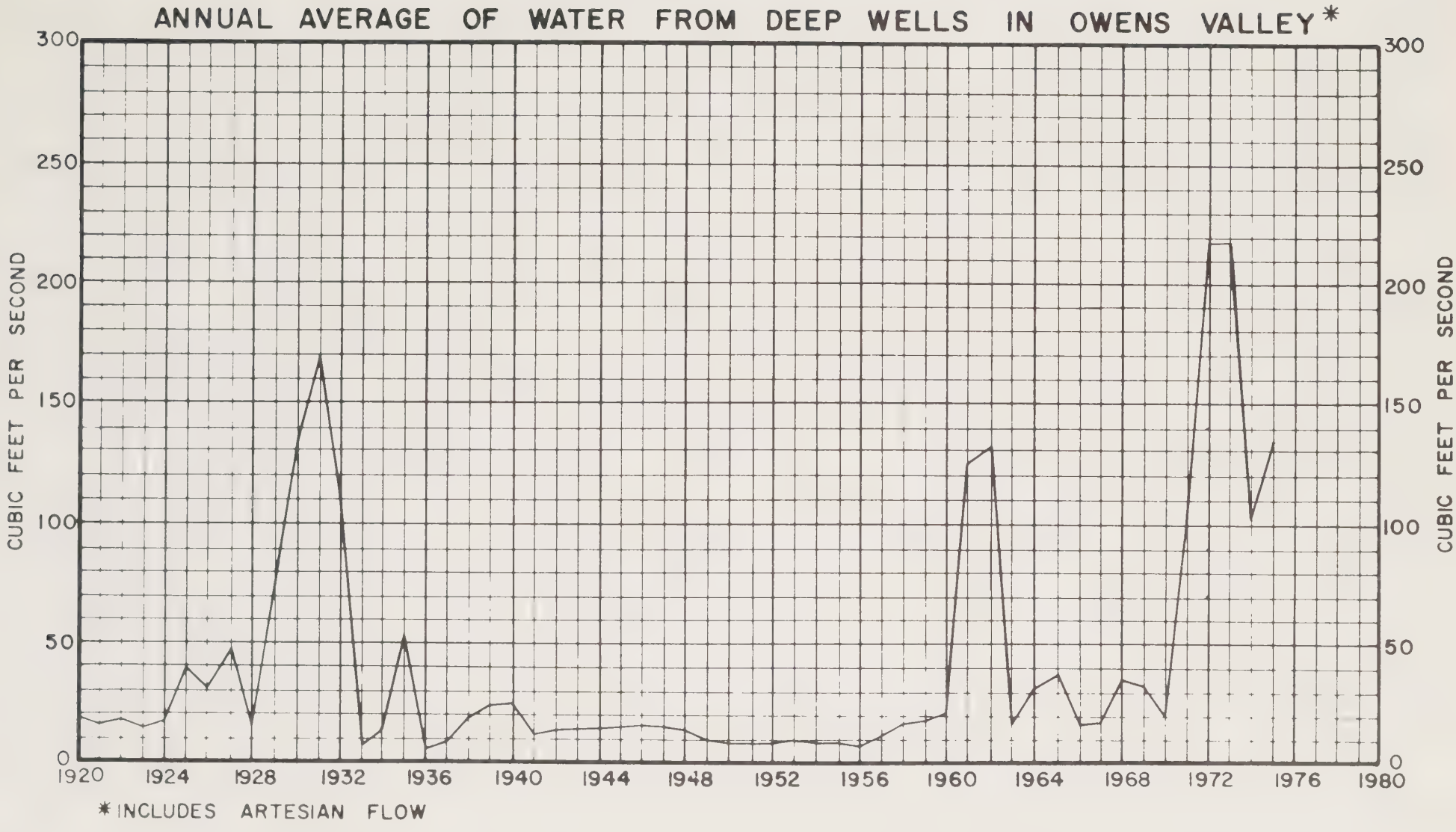
PUMP HORSEPOWER INSTALLED IN LOS ANGELES



ANNUAL AVERAGE OF PUMPED WATER IN LOS ANGELES

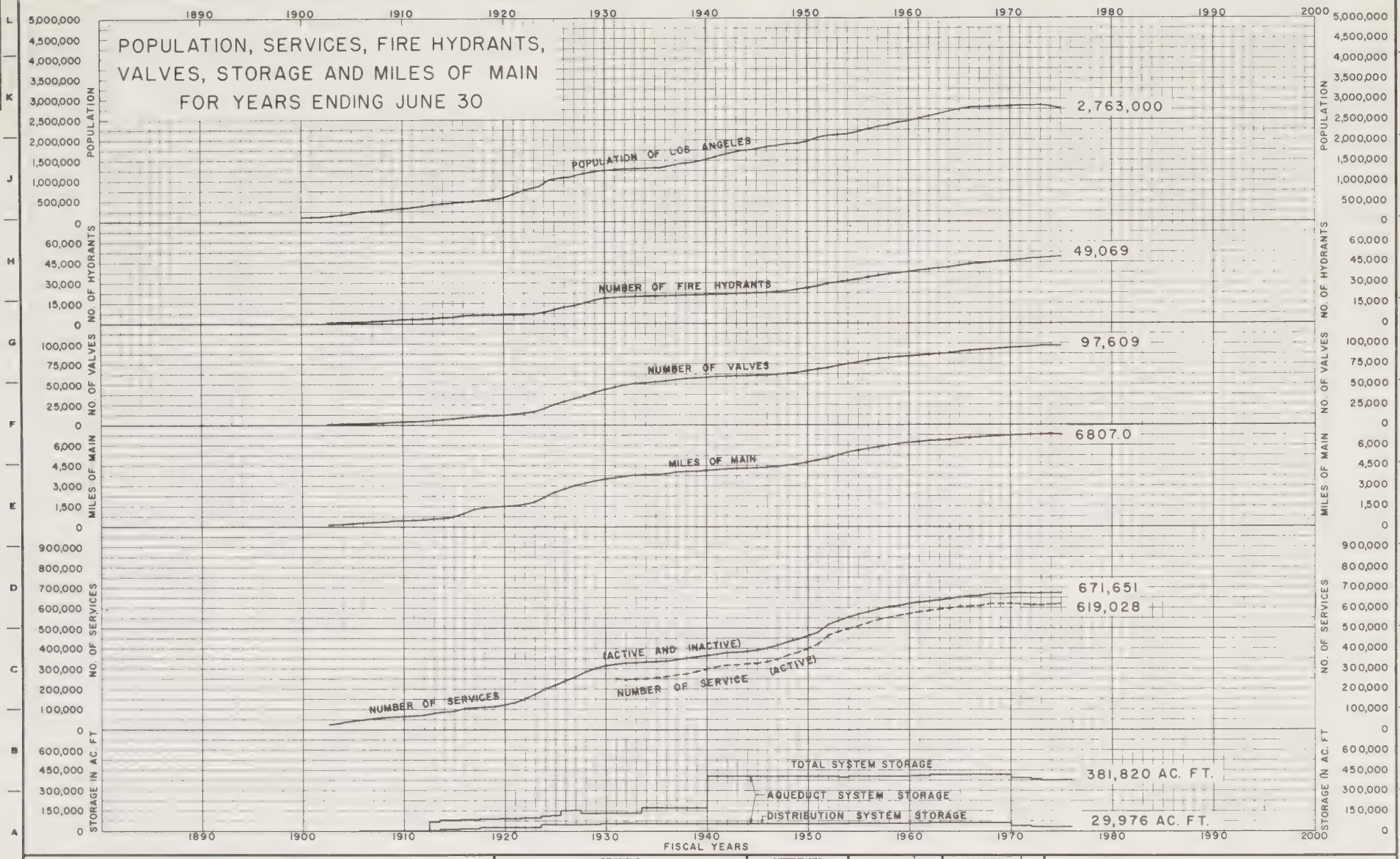


* INCLUDES GROUNDWATER STATIONS


ANNUAL AVERAGE OF WATER FROM DEEP WELLS IN OWENS VALLEY*
CUBIC FEET PER SECOND
300
250
200
150
100
50
0
1920
1924
1928
1932
1936
1940
1944
1948
1952
1956
1960
1964
1968
1972
1976
1980
*INCLUDES ARTESIAN FLOW

D 4006

POPULATION, SERVICES, FIRE HYDRANTS, VALVES, STORAGE AND MILES OF MAIN FOR YEARS ENDING JUNE 30



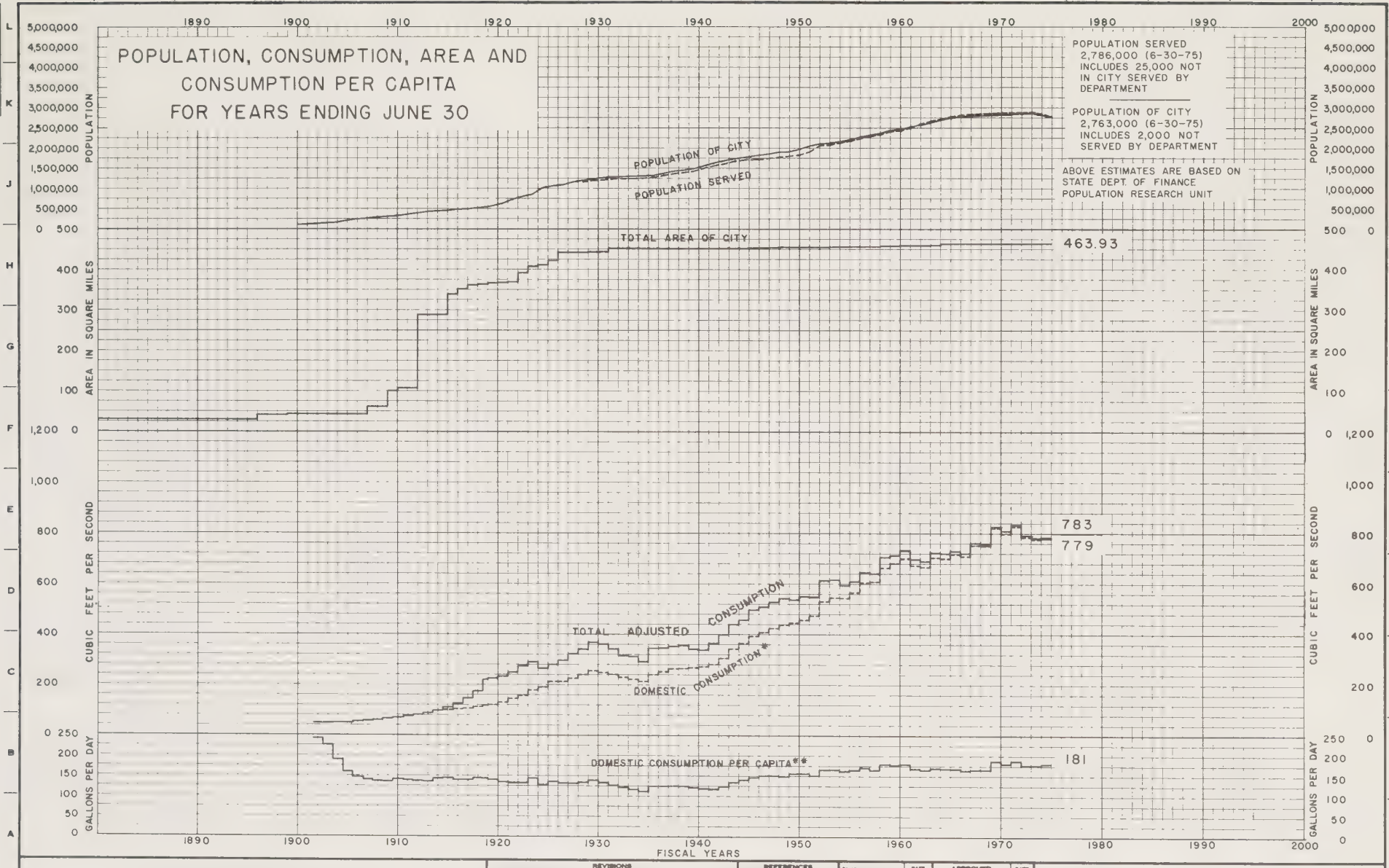
NOTE: ALL QUANTITIES AS OF JUNE 30

REVISIONS | REFERENCES | APPROVED

DEPARTMENT OF WATER AND POWER
WATER SYSTEM
CITY OF LOS ANGELES

D 4095

POPULATION, CONSUMPTION, AREA AND CONSUMPTION PER CAPITA FOR YEARS ENDING JUNE 30


POPULATION
POPULATION OF CITY
POPULATION SERVED
POPULATION SERVED 2,786,000 (6-30-75) INCLUDES 25,000 NOT IN CITY SERVED BY DEPARTMENT
POPULATION OF CITY 2,763,000 (6-30-75) INCLUDES 2,000 NOT SERVED BY DEPARTMENT
ABOVE ESTIMATES ARE BASED ON STATE DEPT. OF FINANCE POPULATION RESEARCH UNIT
AREA IN SQUARE MILES
TOTAL AREA OF CITY
463.93
CUBIC FEET PER SECOND
TOTAL ADJUSTED CONSUMPTION
783
DOMESTIC CONSUMPTION*
779
GALLONS PER DAY
DOMESTIC CONSUMPTION PER CAPITA**
181
1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000
FISCAL YEARS

NOTE: ALL QUANTITIES AS OF JUNE 30
* INCLUDES UNMETERED USE AND UNACCOUNTED FOR WATER, EXCLUDES INTERMITTENT IRRIGATION
** BASED ON AVERAGE POPULATION FOR THE YEAR

REVISIONS | REFERENCES | APPROVED

DEPARTMENT OF WATER AND POWER
WATER SYSTEM
CITY OF LOS ANGELES

SUMMARY OF STORAGE FACILITIES
(RESERVOIRS AND TANKS)
CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM
NUMBER AND CAPACITY IN ACRE-FEET ON JUNE 30

Description	1975		1974		1973		1972		1971		1970		1969		1968		1967		1966	
	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity
AQUEDUCT AREA																				
Impounding Reservoirs	6	340,245	6	340,245	5	342,425	5	342,425	5	342,424	5	342,425	5	342,425	5	342,425	5	342,425	5	342,425
Flow Regulating Reservoirs	2	11,599	2	11,599	2	9,188	2	9,188	2	11,392	2	11,392	2	11,392	2	11,392	2	11,392	3	12,143
Subtotal	8	351,844	8	351,844	7	351,613	7	351,613	7	353,817	7	353,817	7	353,817	7	353,817	7	353,817	8	354,568
CITY AREA																				
San Fernando Valley Districts																				
Major Storage Facility	11	12,120	11	12,121	11	11,251	10	21,031	10	21,091	9	42,170	9	42,170	9	42,170	9	42,170	9	42,170
Minor Storage Facility	23	58	23	58	23	58	23	58	23	57	23	57	23	57	24	59	24	59	23	56
Subtotal	34	12,178	34	12,179	34	11,309	33	21,089	33	21,958	32	42,227	32	42,227	33	42,229	33	42,229	32	42,226
Central and Western Districts																				
Major Storage Facility	17	17,660	17	17,660	18	19,282	18	19,282	18	19,728	17	19,321	17	19,321	17	19,321	17	19,321	17	19,321
Minor Storage Facility	38	91	39	88	39	88	39	88	38	88	37	83	37	83	37	83	38	83	37	77
Subtotal	55	17,751	56	17,748	57	19,370	57	19,370	56	19,816	54	19,404	54	19,404	54	19,404	55	19,404	54	19,398
Harbor District																				
Major Storage Facility	1	26	1	26	1	26	1	26	1	26	1	26	1	26	1	26	1	26	1	26
Minor Storage Facility	6	21	6	21	6	21	6	21	6	21	6	21	6	21	5	18	5	18	5	18
Subtotal	7	47	7	47	7	47	7	47	7	47	7	47	7	47	6	44	6	44	6	44
Subtotal City Area	96	29,976	97	29,974	98	30,726	97	40,506	96	41,821	93	61,678	93	61,678	93	61,677	94	61,677	92	61,668
Summary																				
Aqueduct Reservoirs	8	351,844	8	351,844	7	351,613	7	351,613	7	353,817	7	353,817	7	353,817	7	353,817	7	353,817	8	354,568
Major City Storage Facility	29	29,806	29	29,807	30	30,559	29	40,339	29	41,655	27	61,517	27	61,517	27	61,517	27	61,517	27	61,517
Minor City Storage Facility	67	170	68	167	68	167	68	167	67	166	66	161	66	161	66	160	67	160	65	151
Total Entire System	104	381,820	105	381,818	105	382,339	104	392,119	103	395,638	100	415,495	100	415,494	100	415,494	101	415,494	100	416,236

Note: Major reservoirs over 2.5 million gallons.
Minor storage facilities (primarily tanks)
see C-1148-1-4 "Reservoir and Tank Data".

SUMMARY OF DISTRIBUTION SYSTEM PUMPING AND TREATMENT FACILITIES
CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM
FOR YEARS ENDING JUNE 30, 1975

AREA AND CLASSIFICATION	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
CENTRAL AND WESTERN										
Pumping Stations	39	41	41	39	39	35	38	39	36	35
Groundwater Stations	5	5	5	5	5	5	7	7	6	6
Wells	24	20	20	20	20	20	23	24	20	19
Misc. Pumping Stations	1	1	1	1	1	--	1	1	1	1
System Disinfection	21	21	21	21	21	22	22	22	20	19
Reservoir Treatment	9	9	9	9	8	8	8	8	11	11
Other - Sanitary	1	1	1	1	1					
SAN FERNANDO VALLEY										
Pumping Stations	40	42	42	40	41	38	43	42	38	38
Groundwater Stations	10	10	10	10	10	11	10	10	10	10
Wells	90	90	90	90	89	91	86	83	82	82
Misc. Pumping Stations	3	3	3	3	3	--	2	2	2	3
System Disinfection	16	16	16	15	15	15	15	15	14	15
Reservoir Treatment	3	3	3	3	4	4	4	4	4	4
Other - Sanitary	1	1	1	1	0	1	1	1	1	1
HARBOR										
Pumping Stations	8	8	8	8	8	5	8	8	8	8
Groundwater Stations	1	1	1	1	1	1	1	1	1	1
Wells	3	3	3	3	3	3	3	3	3	3
Misc. Pumping Stations	0	0	0	0	0	--	0	0	0	0
System Disinfection	3	3	3	3	3	3	3	3	3	3
Other - Sanitary	1	1								
SUMMARY										
Pumping Stations	87	91	91	87	88	78	89	89	82	81
Groundwater Stations	16	16	16	16	16	17	18	18	17	17
Wells	117	113	113	113	112	114	112	110	105	104
Misc. Pumping Stations	4	4	4	4	4	--	3	3	3	4
System Disinfection	40	40	40	39	39	40	40	40	37	37
Reservoir Treatment	12	12	12	12	12	12	12	12	15	15
Other - Sanitary	3	3	2	2	1	1	1	1	1	1

-- Data not accumulated.

TOTAL ANNUAL WATER SALES

City of Los Angeles - Department of Water and Power - Water System

Class of Customer	Amount for Years Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
RESIDENTIAL										
Customers	515,558	518,309	517,681	517,762	521,197	520,616	520,877	519,895	513,284	511,835
Units	114,009,775	114,053,909	115,104,701	125,694,413	121,251,329	122,138,767	113,695,850	115,708,571	109,857,194	113,027,912
Revenue	$44,070,982	$43,245,806	$43,219,286	$43,754,296	$43,605,427	$38,190,593	$33,712,050	$33,991,031	$32,250,537	$28,130,290
COMMERCIAL AND INDUSTRIAL										
Customers	89,599	90,781	90,955	91,546	91,401	90,756	90,202	89,611	88,758	87,638
Units	97,058,157	95,445,222	95,300,708	94,675,610	92,810,346	93,046,882	89,287,495	86,544,833	81,850,437	78,880,543
Revenue	$29,798,538	$28,949,901	$28,460,718	$25,416,246	$25,597,301	$22,411,109	$19,961,460	$19,177,023	$18,178,199	$14,934,176
GOVERNMENTAL										
Customers	5,142	5,148	5,049	4,976	4,801	4,651	4,533	4,403	4,264	4,160
Units	17,331,516	18,158,752	18,850,172	20,596,571	19,252,117	18,951,832	17,959,268	17,986,885	17,017,341	16,844,170
Revenue	$ 4,441,686	$ 4,364,146	$ 4,473,602	$ 4,063,868	$ 4,063,897	$ 3,486,792	$ 2,967,378	$ 2,943,474	$ 2,720,388	$ 2,320,947
INTERMITTENT IRRIGATION AND COMBINED IRRIGATION AND RESIDENTIAL										
Customers	280	296	310	327	325	377	396	432	443	484
Units	1,781,449	2,052,908	2,240,447	2,739,781	2,614,160	3,077,933	2,874,692	3,771,144	3,521,665	4,586,339
Revenue	$ 267,206	$ 280,684	$ 288,226	$ 242,455	$ 249,389	$ 278,228	$ 237,165	$ 283,368	$ 270,739	$ 286,300
ALL CLASSES COMBINED										
Customers	610,579	614,534	613,995	614,611	617,724	616,400	616,008	614,341	606,749	604,117
Units	230,180,897	229,710,791	231,496,028	243,706,375	235,927,952	237,215,414	223,817,305	224,011,433	212,246,637	213,338,964
Revenue	$78,578,412	$76,840,537	$76,441,832	$73,476,865	$73,516,014	$64,366,722	$56,878,053	$56,394,896	$53,419,863	$45,671,713

NOTE: "Unit" is the billing unit of 100 cubic feet.

AVERAGE MONTHLY WATER SALES PER CUSTOMER

City of Los Angeles - Department of Water and Power - Water System

Class of Customer	Average Amount per Month for Years Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
RESIDENTIAL										
Units per customer	18.4	18.3	18.5	20.2	19.4	19.6	18.2	18.6	17.8	18.4
Revenue per customer	$ 7.12	$ 6.95	$ 6.96	$ 7.04	$ 6.97	$ 6.11	$ 5.39	$ 5.45	$ 5.24	$ 4.58
Average rate per unit	$ .3866	$ .3792	$ .3755	$ .3481	$ .3596	$ .3127	$ .2965	$ .2938	$ .2936	$ .2489
COMMERCIAL AND INDUSTRIAL										
Units per customer	90.3	87.6	87.3	86.2	84.6	85.4	82.5	80.5	76.8	75.0
Revenue per customer	$ 27.71	$ 26.57	$ 26.08	$ 23.14	$ 23.34	$ 20.58	$ 18.44	$ 17.83	$ 17.07	$ 14.20
Average rate per unit	$ .3070	$ .3033	$ .2986	$ .2685	$ .2758	$ .2409	$ .2236	$ .2216	$ .2221	$ .1893
GOVERNMENTAL										
Units per customer	230.9	293.9	311.1	344.9	334.2	339.5	330.2	340.4	332.6	337.4
Revenue per customer	$ 71.98	$ 70.64	$ 73.84	$ 68.06	$ 70.54	$ 62.47	$ 54.55	$ 55.71	$ 53.16	$ 46.49
Average rate per unit	$ .2563	$ .2403	$ .2373	$ .1973	$ .2110	$ .1840	$ .1652	$ .1636	$ .1599	$ .1378
INTERMITTENT IRRIGATION AND COMBINED IRRIGATION AND RESIDENTIAL										
Units per customer	530.2	578.0	602.3	698.2	670.3	680.1	604.8	926.6	661.7	789.8
Revenue per customer	$ 79.53	$ 79.02	$ 77.48	$ 61.79	$ 63.95	$ 61.47	$ 49.90	$ 54.60	$ 50.87	$ 49.30
Average rate per unit	$ .1500	$ .1367	$ .1286	$ .0885	$ .0954	$ .0904	$ .0825	$ .0751	$ .0769	$ .0624
ALL CLASSES COMBINED										
Units per customer	31.4	31.1	31.4	33.0	31.8	32.1	30.3	30.4	29.2	29.4
Revenue per customer	$ 10.74	$ 10.42	$ 10.37	$ 9.96	$ 9.92	$ 8.70	$ 7.69	$ 7.65	$ 7.34	$ 6.30
Average rate per unit	$ .3419	$ .3345	$ .3302	$ .3015	$ .3116	$ .2713	$ .2541	$ .2518	$ .2517	$ .2141

NOTE: "Unit" is the billing unit of 100 cubic feet.

DEPARTMENT OF WATER AND POWER - CITY OF LOS ANGELES

WATER SYSTEM

COMPARATIVE STATISTICS FOR TEN YEARS ENDING JUNE 30, 1975

	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
Operating revenues	$ 81,670,488	$ 79,892,135	$ 79,394,671	$ 76,048,512	$ 76,025,598	$ 66,787,442	$ 59,281,601	$ 58,731,769	$ 55,739,058	$ 47,971,036
Operating expenses (less depreciation)	$ 54,377,173	$ 47,738,285	$ 45,524,123	$ 44,554,389	$ 39,449,320	$ 43,095,948	$ 40,475,052	$ 37,437,399	$ 33,825,632	$ 30,287,905
Percent of operating revenues	66.6	59.8	57.3	58.6	51.9	64.5	68.3	63.7	60.7	63.1
Depreciation	$ 13,436,431	$ 12,986,941	$ 12,407,268	$ 11,903,628	$ 12,815,275	$ 11,764,001	$ 11,267,427	$ 10,820,291	$ 10,285,180	$ 9,915,677
Percent of operating revenues	16.5	16.3	15.6	15.7	16.9	17.6	19.0	18.4	18.5	20.7
Long-term debt expense	$ 11,548,099	$ 11,280,291	$ 10,947,994	$ 10,247,642	$ 9,728,046	$ 8,594,800	$ 6,717,440	$ 5,529,301	$ 4,840,986	$ 4,688,838
Percent of operating revenues	14.1	14.1	13.8	13.5	12.8	12.9	11.3	9.4	8.7	9.8
Other income and expenses	$ 2,489,427	$ 2,698,902	$ 3,074,683	$ 1,863,682	$ 2,189,634	$ 4,427,913	$ 3,336,234	$ 2,300,936	$ 1,793,796	$ 1,395,788
Net income	$ 4,798,212	$ 10,585,520	$ 13,589,969	$ 11,206,535	$ 16,222,591	$ 8,510,606*	$ 4,157,916	$ 7,245,714	$ 11,609,251**	$ 4,474,404
Payments to reserve fund of the City	$ 3,995,000	$ 3,970,000	$ 3,802,000	$ 3,801,000	$ 3,339,000	$ 2,874,000	$ 2,777,000	$ 2,399,000	$ 2,338,000	$ 2,351,688
Percent of net income	83.3	37.5	28.0	33.9	20.6	33.8	66.8	33.1	20.1	52.6
Taxes (included in operating expenses)	$ 3,188,362	$ 3,069,717	$ 2,840,196	$ 2,664,044	$ 2,423,348	$ 1,972,279	$ 1,859,603	$ 1,688,684	$ 1,696,843	$ 1,298,572
Percent of operating revenue	3.9	3.8	3.6	3.5	3.2	3.0	3.1	2.9	3.0	2.7
Maintenance (included in operating expenses)	$ 14,128,507	$ 13,078,142	$ 12,496,410	$ 11,674,589	$ 10,857,514	$ 11,044,617	$ 11,411,656	$ 10,670,773	$ 8,987,754	$ 7,429,080
Percent of operating revenues	17.3	16.4	15.7	15.4	14.3	16.5	19.2	18.2	16.1	15.5
Plant in service, excluding land	$733,545,695	$710,231,159	$686,748,760	$655,278,109	$630,852,766	$600,404,303	$515,526,192	$495,080,687	$463,150,290	$446,842,582
Accumulative provision for depreciation	$251,484,434	$237,515,951	$224,855,049	$212,651,756	$201,488,606	$189,279,691	$178,898,923	$168,551,448	$158,006,845	$149,041,135
Percent of plant in service	34.3	33.4	32.7	32.5	31.9	31.5	34.7	34.0	34.1	33.4
Net plant in service	$482,061,261	$472,715,208	$461,893,711	$442,626,353	$429,364,160	$411,124,612	$336,627,269	$326,529,239	$305,143,445	$297,801,447
Land	$ 46,696,382	$ 46,654,807	$ 46,624,611	$ 45,998,339	$ 45,643,626	$ 45,112,951	$ 45,749,215	$ 45,617,500	$ 43,269,468	$ 42,735,425
Construction work in progress	$ 37,192,775	$ 27,676,823	$ 25,028,229	$ 29,063,407	$ 20,349,341	$ 24,166,682	$ 61,770,710	$ 31,841,774	$ 33,255,727	$ 14,188,733
Net utility plant	$565,950,418	$547,046,838	$533,546,551	$517,688,099	$495,357,127	$480,404,245	$444,147,194	$403,988,513	$381,668,640	$354,725,605
Long-term debt	$278,825,928	$257,565,000	$252,875,000	$248,275,000	$243,740,000	$236,480,000	$203,820,000	$191,503,000	$163,006,000	$155,184,000
Percent of net utility plant	49.3	47.1	47.4	48.0	49.2	49.2	45.9	47.4	42.7	43.7
Contributions in aid of construction	$129,925,624	$125,576,800	$118,895,631	$114,357,714	$108,786,183	$104,913,380	$101,285,199	$ 96,455,089	$ 92,441,447	$ 89,606,177
Retained income	$188,189,212	$187,386,000	$180,770,480	$170,982,511	$163,576,976	$150,693,385	$145,056,779	$143,675,863	$138,829,149	$129,557,898

* Includes $750,000 proceeds from Baldwin Hills reservoir lawsuits
** Includes $3,028,195 extraordinary gain on sale of land

LC:ah

POWER SYSTEM

GENERATING PLANTS - NUMBER AND NAMEPLATE CAPACITY

City of Los Angeles - Department of Water and Power - Power System

	For Years Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
HYDROELECTRIC										
Number of Units										
Aqueduct	12	12	12	12	11	11	11	11	11	11
Castaic	3	2	1	1	-	-	-	-	-	-
Hoover	6	6	6	6	6	6	6	6	6	6
Owens Gorge	3	3	3	3	3	3	3	3	3	3
Owens Valley System	7	7	7	7	7	7	7	7	7	7
Total	31	30	29	29	27	27	27	27	27	27
Capacity (kw)										
Aqueduct	118,725	118,725	118,725	118,725	107,725	107,725	107,725	107,725	107,725	107,725
Castaic	481,000	268,500	56,000	56,000	-	-	-	-	-	-
Hoover	495,000	495,000	495,000	495,000	495,000	495,000	495,000	495,000	495,000	495,000
Owens Gorge	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500
Owens Valley System	14,100	14,100	14,100	14,100	14,100	14,100	14,100	14,100	14,100	14,100
Total	1,221,325	1,008,825	796,325	796,325	729,325	729,325	729,325	729,325	729,325	729,325
THERMAL										
Number of Units										
Seal Beach (1)	-	-	-	-	-	-	-	-	-	2
Harbor	9	9	9	5	5	5	5	5	5	5
Valley	4	4	4	4	4	4	4	4	4	4
Scattergood	3	2	2	2	2	2	2	2	2	2
Haynes	6	6	6	6	6	6	6	6	6	4
Total	22	21	21	17	17	17	17	17	17	17
Capacity (kw)										
Seal Beach (1)	-	-	-	-	-	-	-	-	-	65,000
Harbor	483,220	483,220	483,220	396,900	396,900	355,000	355,000	355,000	355,000	355,000
Valley	545,600	545,600	545,600	545,600	545,600	512,500	512,500	512,500	512,500	512,500
Scattergood	823,200	326,400	326,400	326,400	326,400	312,500	312,500	312,500	312,500	312,500
Haynes	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	920,000
Total	3,458,020	2,961,220	2,961,220	2,874,900	2,874,900	2,786,000	2,786,000	2,786,000	2,786,000	2,165,000
TOTAL										
Number of Units	53	51	50	46	44	44	44	44	44	44
Capacity (kw)	4,679,345	3,970,045	3,757,545	3,671,225	3,604,225	3,515,325	3,515,325	3,515,325	3,515,325	2,894,325
JOINT FACILITIES										
Number of Units										
Mohave (2)	2	2	2	2	1	-	-	-	-	-
Navajo (3)	2	1	-	-	-	-	-	-	-	-
Capacity (kw)										
Mohave (2)	1,636,000	1,636,000	1,636,000	1,636,000	818,000	-	-	-	-	-
Navajo (3)	1,500,000	750,000	-	-	-	-	-	-	-	-

(1) Retired from service July 21, 1966.
(2) Department's ownership is 20%. Operating agent is the Southern California Edison Company.
(3) Department's ownership is 21.2%. Operating agent is the Salt River Project.

Power Operating and Maintenance Division
Operating Engineering Section

GENERATING PLANTS AND POWER SOURCES - NET DEPENDABLE CAPABILITY

City of Los Angeles - Department of Water and Power - Power System

	For Years Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
HYDROELECTRIC PLANTS					(Megawatts)					
Aqueduct	74	73	71	66	57(1)	63	50	50	50	50
Hoover	553	553	521	507	501	435	400	400	400	400
Owens Gorge	110	110	110	110	110	110	110	110	110	110
Owens Valley System	9	9	9	9	9	9	9	9	9	9
Castaic	535	228	24	24	-	-	-	-	-	-
Total	1,281	973	735	716	677	617	569	569	569	569
THERMAL GENERATING PLANTS										
Seal Beach	-	-	-	-	-	-	-	-	-	-
Harbor	515	525	525	445	445	445	445	445	445	445
Valley	533	527	517	517	524	524	524	524	524	524
Scattergood	667	358	358	179	354	354	354	354	354	354
Haynes	1,589	1,547	1,593	1,591	1,625	1,625	1,594	1,594	1,594	908
Total	3,304	2,957	2,993	2,732	2,948	2,948	2,917	2,917	2,917	2,231
TOTAL GENERATING PLANTS										
Capability	4,585	3,930	3,728	3,448	3,625	3,565	3,486	3,486	3,486	2,800
JOINT FACILITIES										
Mohave	316	316	304	292	152	-	-	-	-	-
Navajo	318	159	-	-	-	-	-	-	-	-
FIRM PURCHASES										
Pacific Northwest Contracts	525	525	525	260(3)	0(2)	324	400	17	-	-
Pacific Gas & Electric Co.	-	-	-	-	-	-	-	180	-	-
Southern California Edison	-	-	-	150	-	150	-			
FIRM SALES										
Nevada Power Company	(-)75	(-)75	(-)100	-	-	-	-	-	-	-
FIRM TRANSFER										
State's Capacity Entitlement	(-)125	(-)49	(-)24	(-)24	-	-	-	-	-	-
TOTAL POWER SYSTEM										
Capability	5,544	4,806	4,433	4,126	3,777	4,039	3,886	3,683	3,486	2,800

(1) 6 mw temporarily out of service due to February 9, 1971 earthquake.
(2) 525 mw temporarily out of service due to February 9, 1971 earthquake.
(3) 265 mw temporarily out of service due to February 9, 1971 earthquake.

Power Operating and Maintenance Division
Operating Engineering Section

TRANSMISSION AND SUBTRANSMISSION LINES - CIRCUIT MILES

City of Los Angeles - Department of Water and Power - Power System

	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
TRANSMISSION LINES (above 34.5 kv)										
DWP OWNED										
Overhead										
500 kv	245.43	245.43	237.51	237.51	237.51	-	-	-	-	-
287.5 kv	532.32	532.32	532.32	532.32	532.32	532.32	790.92	790.92	790.92	790.92
230 kv	555.45	554.62	554.62	551.72	527.72	764.63	483.86	449.39	443.89	338.66
220 kv - SCE Area	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99
138 kv	93.94	93.94	93.94	93.94	93.94	93.94	131.81	147.41	162.87	218.23
115 kv - Los Angeles	44.38	44.34	44.34	44.34	44.34	44.34	44.34	45.24	45.24	45.24
115 kv - Owens Valley Area	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Total	1,478.01	1,477.14	1,469.22	1,466.32	1,442.32	1,441.72	1,457.42	1,439.45	1,439.41	1,401.24
Underground										
230 kv	35.88	27.05	27.05	27.05	27.05	25.96	15.22	12.06	12.06	2.18
138 kv	65.40	65.40	65.40	65.40	65.40	65.40	74.24	74.24	74.24	84.12
Total	101.28	92.45	92.45	92.45	92.45	91.36	89.46	86.30	86.30	86.30
Total (DWP OWNED)	1,579.29	1,569.59	1,561.67	1,558.77	1,534.77	1,533.08	1,546.88	1,525.75	1,525.71	1,487.54
JOINTLY OWNED										
Overhead										
800 kv DC	580.52	580.52	580.52	580.52	580.52	580.52	-	-	-	-
500 kv	406.80	75.80	-	-	-	-	-	-	-	-
Total (JOINTLY OWNED)	987.32	656.32	580.52	580.52	580.52	580.52	-	-	-	-
Total Transmission Lines (above 34.5 kv)	2,566.61	2,225.91	2,142.19	2,139.29	2,115.29	2,113.60	1,546.88	1,525.75	1,525.71	1,487.54
SUBTRANSMISSION LINES										
Overhead										
34.5 kv - Los Angeles Area	1,151.28	1,154.84	1,154.71	1,154.77	1,144.19	1,114.90	1,090.68	1,081.81	1,084.83	1,060.74
34.5 kv - Owens Valley Area	208.73	207.99	207.99	205.34	204.05	186.56	189.12	190.60	190.25	190.49
34.5 kv - Owens Valley Area (Customer Owned)	0.00	0.81	0.81	0.80	0.80	17.65	17.65	17.65	17.65	17.65
16.5 kv - Los Angeles Area	2.25	2.25	2.25	2.25	1.01	1.01	1.01	1.01	1.01	2.01
13.8 kv - Los Angeles Area	4.24	4.24	4.24	4.24	4.24	4.24	4.74	4.74	4.74	4.74
12.0 kv - Owens Valley Area	12.20	12.16	-	-	-	-	-	-	-	-
Total	1,378.70	1,382.29	1,370.00	1,367.40	1,354.29	1,324.36	1,303.20	1,295.81	1,298.48	1,275.63
Underground										
34.5 kv - Los Angeles Area	630.90	604.50	572.10	529.00	478.80	439.80	380.20	353.20	325.40	301.34
Total Subtransmission Lines	2,009.60	1,986.79	1,942.09	1,896.40	1,833.09	1,764.16	1,683.40	1,649.01	1,623.88	1,576.97

Power Operating and Maintenance Division
Operating Engineering Section

CONVERTER, SWITCHING, RECEIVING, DISTRIBUTING AND CUSTOMER STATIONS

City of Los Angeles - Department of Water and Power - Power System

	For Years Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
CONVERTER STATIONS										
Number - 800 kv d-c to 230 kv a-c (Jointly Owned)	1	1	1	1	1	-	-	-	-	-
SWITCHING STATIONS										
Number										
500 kv - Attended (Jointly Owned)	1	1	-	-	-	-	-	-	-	-
500/287.5 kv - Attended	1	1	-	-	-	-	-	-	-	-
500/230 kv - Unattended (Jointly Owned)	1	1	1	1	1	-	-	-	-	-
287.5 kv - Attended	-	-	1	1	1	2	2	2	2	2
230 kv - Unattended	1	1	1	1	1	1	1	1	1	1
230/220 kv - Unattended (Jointly Owned)	1	1	1	1	1	1	1	-	-	-
230/138 kv - Attended	-	-	-	-	-	-	1	1	-	-
230/138/115 kv - Unattended	-	-	-	-	1	1	1	1	1	1
230/115 kv - Unattended	1	1	1	1	-	-	-	-	-	-
138 kv - Unattended	1	1	1	1	1	1	1	2	2	2
Total	7	7	6	6	6	6	7	7	6	6
RECEIVING STATIONS										
Number	19	19	19	19	18	18	17	17	17	17
Total Transformer Capacity - kva	6,649,000	6,464,000*	6,464,000*	6,402,000*	5,947,000*	5,627,000*	4,902,000*	4,478,000	4,542,000	3,962,000
DISTRIBUTING STATIONS										
Number										
138 kv - Unattended	-	-	-	-	1	1	1	1	1	1
34.5 kv - Attended	3	5	10	12	13	13	14	15	18	21
34.5 kv - Unattended	157	153	141	141	138	136	132	125	119	110
7.2 kv - Unattended	-	-	-	-	-	1	1	1	1	1
Total	160	158	151	153	152	151	148	142	139	133
Capacity - kva										
138 kv - Unattended	-	-	-	-	75,000	75,000	75,000	75,000	75,000	75,000
34.5 kv - Attended	120,000	200,000	420,000	460,000	490,000	490,000	507,500	547,500	647,500	727,500
34.5 kv - Unattended	3,814,796	3,692,796	3,369,296	3,138,296	2,910,300	2,765,236	2,556,486	2,305,986	2,132,108	1,981,348
7.2 kv - Unattended	-	-	-	-	-	150	150	150	150	150
Total	3,934,796	3,892,796	3,789,296	3,598,296	3,475,300	3,330,386	3,139,136	2,928,636	2,854,758	2,783,998
CUSTOMER STATIONS										
Number of Stations										
DWP Owned 34.5 kv	1,768	1,718	1,662	1,590	1,517	1,443	1,353	1,264	1,190	1,100
Transformer, Customer Owned 34.5 kv	2	1	1	1	1	1	1	1	1	-
Customer Owned 34.5 kv	6	6	7	6	7	7	7	7	6	6
DWP Owned 16.5 kv	8	8	8	8	8	8	8	8	8	8
Transformer, Customer Owned 13.8 kv	1	1	1	1	1	1	1	1	1	1
Customer Owned 13.8 kv	2	2	2	2	2	2	2	2	2	2
DWP Owned 4.8 kv & Below	593	586	577	576	556	552	557	562	564	557
Total	2,380	2,322	2,258	2,184	2,092	2,014	1,929	1,845	1,772	1,674
Capacity - kva										
DWP Owned 34.5 kv	2,804,882	2,706,376	2,572,227	2,408,493	2,243,765	2,032,551	1,878,592	1,709,818	1,526,575	1,395,406
Transformer, Customer Owned 34.5 kv	55,150	40,150	40,150	40,150	40,150	40,150	40,150	40,150	20,150	-
Customer Owned 34.5 kv	26,875	26,875	27,625	20,125	18,250	20,675	20,675	20,675	19,675	19,975
DWP Owned 16.5 kv	3,645	4,095	4,095	4,095	4,095	4,095	4,095	4,095	4,095	4,095
Transformer, Customer Owned 13.8 kv	5,010	38,025	38,025	38,025	38,025	38,025	38,025	38,025	38,025	37,025
Customer Owned 13.8 kv	142,666	142,666	142,666	142,666	140,666	113,666	113,666	111,666	111,666	96,491
DWP Owned 4.8 kv & Below	351,436	350,510	349,788	359,389	349,786	354,000	352,011	353,153	355,843	353,370
Total	3,389,664	3,308,697	3,174,576	3,012,943	2,834,737	2,603,162	2,447,214	2,277,582	2,076,029	1,906,362

*Capacity adjusted to exclude two 240,000-kva, 230/69-kv, interconnection banks of Receiving Station E.

Power Operating and Maintenance Division
Operating Engineering Section

LOW-VOLTAGE DISTRIBUTION SYSTEM STATISTICS

City of Los Angeles - Department of Water and Power - Power System

	For Years Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
LOW-VOLTAGE LINES										
Number of Primary Feeders (4.8 kv and below)										
Overhead										
Los Angeles Area (1)	1,065	1,057	1,028	1,005	984	956	913	867	839	793
Owens Valley Area	23	23	23	22	22	20	20	19	19	19
Total	1,088	1,080	1,051	1,027	1,006	977	933	886	858	812
Underground										
Los Angeles Area	280	271	264	264	258	251	244	233	233	228
Total Primary Feeders	1,368	1,351	1,315	1,291	1,264	1,227	1,177	1,119	1,091	1,040
Length of Primary (4.8 kv and below) and Secondary (480,240 and 120 v) Lines - Circuit Miles										
Overhead										
Los Angeles Area - Primary	5,762.00	5,769.00	5,760.00	5,741.00	5,721.00	5,710.00	5,659.00	5,608.00	5,607.00	5,586.00
Los Angeles Area - Secondary	3,901.00	3,913.00	3,917.00	3,914.00	3,909.00	3,909.00	3,903.00	3,901.00	3,905.00	3,910.00
Owens Valley Area - Primary and Secondary	183.30	192.67	189.90	185.67	183.25	177.69	176.07	170.32	161.66	154.89
Total	9,846.30	9,874.67	9,866.90	9,840.67	9,813.25	9,796.69	9,738.07	9,679.32	9,673.66	9,650.89
Underground										
Los Angeles Area - Primary	1,753.80	1,667.40	1,609.20	1,544.70	1,469.90	1,341.50	1,192.00	1,150.30	1,052.60	967.32
Los Angeles and O.V. Area - Secondary	674.40	660.80	652.70	637.00	617.80	600.10	566.30	562.10	533.50	477.33
Total	2,428.20	2,328.20	2,261.90	2,181.70	2,087.40	1,941.30	1,758.30	1,712.40	1,586.10	1,444.65
Total Low-Voltage Lines - Circuit Miles	12,274.50	12,202.87	12,128.80	12,022.37	11,900.65	11,738.29	11,496.37	11,391.72	11,259.76	11,095.54
Overhead Distribution - Pole Line Miles	6,175	6,194	6,212	6,238	6,254	6,370	6,372	6,380	6,408	6,422
Underground Distribution - Conduit Miles	1,757	1,697	1,653	1,603	1,544	1,502	1,447	1,410	1,355	1,253
LOW-VOLTAGE TRANSFORMERS (4.8 kv and below)										
Number										
Overhead System	91,769	91,206	90,244	88,835	87,265	85,928	84,835	83,414	82,169	80,919
Underground System	10,645	10,118	9,647	9,106	8,576	8,008	7,392	6,898	6,486	6,103
Total	102,414	101,324	99,891	97,941	95,841	93,936	92,227	90,312	88,655	87,022
Capacity - Kva										
Overhead System	3,088,364	3,062,083	2,987,637	2,890,389	2,810,576	2,726,601	2,631,072	2,529,668	2,439,963	2,360,400
Underground System	1,204,522	1,122,566	1,051,947	979,027	907,115	834,512	745,939	688,788	688,997	590,212
Total	4,292,886	4,184,649	4,039,584	3,869,416	3,717,691	3,561,113	3,377,011	3,218,456	3,078,960	2,950,612
SERVICE METERS										
Number										
Los Angeles Area	1,173,865	1,168,358	1,160,553	1,152,995	1,147,532	1,139,720	1,133,038	1,129,807	1,128,938	1,123,589
Owens Valley Area	3,839	3,805	3,796	3,728	3,665	3,576	3,454	3,462	3,417	3,343
Total	1,177,704	1,172,163	1,164,349	1,156,723	1,151,197	1,143,296	1,136,492	1,133,269	1,132,355	1,126,932
STREET LIGHTING UNITS										
Number										
Utilitarian	27,135	28,049	28,887	29,728	31,662	33,408	34,013	33,320	33,120	33,063
Electrolier	178,126	168,123	163,615	153,589	143,837	134,283	127,425	124,110	121,670	116,561
Total	205,261	196,172	192,502	183,317	175,499	167,691	161,438	157,430	154,790	149,624

(1) Includes six 13.8-kv feeders

Power Operating and Maintenance Division
Operating Engineering Section

POWER PRODUCTION, SOURCES AND DISPOSITION

City of Los Angeles - Department of Water and Power - Power System

	For Years Ending June 30									
PRODUCTION FOR DWP CUSTOMERS (NET ENERGY FOR LOAD)	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
Demand - kw (hourly indicated)	3,500,000	3,561,000	3,679,000	3,439,000	3,107,000	2,974,000	2,772,000	2,679,000	2,407,000	2,303,000
Energy - kwh	17,332,366,415	17,477,021,702	19,066,427,067	18,453,075,147	17,302,967,130	16,596,942,083	15,602,166,377	14,672,577,217	13,473,285,003	12,586,633,342
SOURCES - KWH										
Energy Generated at Hoover PP										
Net for City of Los Angeles at Transmission Voltage	556,841,262	638,874,435	574,153,482	605,720,808	600,285,968	623,509,447	616,073,974	605,905,655	615,009,001	573,811,480
For Boulder City, U.S.B.R., Plant Use and Other Allottees	329,722,738	403,562,565	371,734,518	374,135,192	417,545,032	412,307,553	436,348,026	338,130,345	340,374,999	314,404,520
Total Gross Generation of Los Angeles Units at Hoover PP	886,564,000	1,042,437,000	945,888,000	979,856,000	1,017,831,000	1,035,817,000	1,052,422,000	944,036,000	955,384,000	888,216,000
Gross Generation of Castaic Power Plant	362,637,000	152,204,000	105,200,000	38,680,000	-	-	-	-	-	-
Gross Generation of Aqueduct Hydro Plants	543,559,900	541,249,000	526,796,000	491,249,000	485,189,000	416,785,000	428,582,000	435,612,000	416,316,000	426,126,000
Gross Generation of Owens Valley Hydro Plants	607,863,300	634,594,000	442,345,000	602,796,500	642,342,400	552,501,900	613,722,700	504,083,300	525,183,100	486,605,200
Total Hydro Generation	1,514,060,200	1,328,047,000	1,074,341,000	1,132,725,500	1,127,531,400	969,286,900	1,042,304,700	939,695,300	1,896,883,100	1,790,947,200
Gross Generation at Thermal Plants	13,421,267,000	13,588,378,000	16,683,831,000	14,605,946,000	13,312,137,000	13,404,973,000	13,355,783,000	13,579,187,000	12,470,509,000	11,630,355,000
Total Gross Generation	15,821,891,200	15,958,862,000	18,704,060,000	16,718,527,500	15,457,499,400	15,410,076,900	15,450,509,700	15,462,918,300	14,367,392,100	13,421,302,200
Purchased Energy - Total, as billed	2,707,100,219	2,841,514,376	1,600,579,730	2,727,033,059	2,643,366,457	2,330,346,613	1,245,564,740	107,757,483	6,854,839	5,655,972
Less Energy Purchased from Municipalities and Nevada Power Co. Included in Output of Hoover PP	0	0	0	0	22,600,000	0	0	0	0	0
Total Generated and Purchased	18,528,991,419	18,800,376,376	20,304,639,730	19,445,560,559	18,078,265,857	17,740,423,513	16,696,074,440	15,570,675,783	14,374,246,939	13,426,958,172
Interchange Energy Received	5,255,599,202	5,549,988,171	3,006,260,073	1,553,336,118	1,714,831,557	666,490,145	223,465,719	68,582,387	38,230,735	33,625,801
System Total	23,784,590,621	24,350,364,547	23,310,899,803	20,998,896,677	19,793,097,414	18,406,913,658	16,919,540,159	15,639,258,170	14,412,477,674	13,460,583,973
DISPOSITION - KWH										
Total Sales to Ultimate Customers	15,798,351,687	15,986,955,905	17,513,891,021	16,852,170,823	15,934,874,334	15,284,340,266	14,453,715,136	13,476,983,587	12,374,741,825	11,487,022,582
Distribution Losses and Selected Misc. System Uses	440,114,567	647,396,968	827,003,618	987,297,628	915,301,501	871,568,479	752,421,558	792,815,777	712,830,244	769,037,090
Total Distribution	16,238,466,254	16,634,352,873	18,340,894,639	17,839,468,451	16,850,175,835	16,155,908,745	15,206,136,694	14,269,799,364	13,087,572,069	12,256,059,672
Sales to Other Utilities	-	-	-	-	-	-	36,184,780	11,032,619	-	-
Delivered to Interconnected Municipalities (1)	0	0	80,000	30,000	26,810,000	54,380,000	299,473,000	189,156,000	148,830,000	145,960,000
Delivered to Customers of Other Utilities	37,876,000	2,469,111	4,908,063	2,577,433	2,791,595	1,871,257	1,592,277	1,630,502	1,520,640	1,511,964
Total R.S. Output	16,276,342,254	16,636,821,984	18,345,882,702	17,842,075,884	16,879,777,430	16,212,160,002	15,543,386,751	14,471,618,485	13,237,922,709	12,403,531,636
Station Service to All Power Plants	507,198,989	530,964,334	638,251,098	578,038,221	553,558,323	540,183,480	563,778,914	563,356,080	576,398,452	543,143,034
Energy Delivered to Others Directly from Hoover PP and Motoring	165,771,000	240,473,600	205,620,800	204,829,600	225,005,800	238,359,500	264,584,900	163,065,700	166,518,700	139,166,600
Energy Delivered to Other Utilities at Transmission Voltages	5,739,091,348	6,071,201,679	3,368,667,903	1,731,240,022	1,683,834,151	937,504,776	166,639,499	27,015,315	26,032,383	23,779,293
Transmission Losses	1,096,187,030	870,902,950	752,477,300	642,712,950	470,921,710	478,705,900	381,150,095	414,202,590	405,605,430	350,963,410
System Total	23,784,590,621	24,350,364,547	23,310,899,803	20,998,896,677	19,793,097,414	18,406,913,658	16,919,540,159	15,639,258,170	14,412,477,674	13,460,583,973

(1) Reflects Pasadena only from 1970 to 1973. Burbank and Glendale deliveries are considered to be at transmission voltage.

Power Operating and Maintenance Division
Operating Engineering Section

SALES OF ELECTRIC ENERGY

City of Los Angeles - Department of Water and Power - Power System

	For Year Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
LOS ANGELES CITY AREA										
RESIDENTIAL										
Customers	957,052	954,543	946,864	938,151	939,729	932,433	923,526	914,068	902,178	885,616
Kilowatt-Hours	4,392,779,644	4,295,469,114	4,695,630,658	4,615,563,417	4,367,779,613	4,113,671,470	3,865,844,907	3,632,593,922	3,347,650,218	3,083,101,768
Revenue	$152,891,606	$129,515,635	$116,817,716	$ 97,978,471	$ 86,102,467	$ 77,721,795	$ 73,440,986	$ 70,232,298	$ 66,273,734	$ 62,084,859
COMMERCIAL AND INDUSTRIAL										
Commercial (Incl. Governmental)										
Customers	134,912	142,048	144,285*	148,460	148,288	147,840	147,641	147,972	147,342	147,451
Kilowatt-Hours	7,221,049,029	7,887,134,048	9,015,882,262	8,557,124,568	8,038,997,179	7,611,900,942	7,183,751,267	6,751,912,234	6,203,035,709	5,692,992,292
Revenue	$197,529,466	$174,233,133	$155,407,395	$124,810,649	$104,085,323	$ 92,418,660	$ 86,880,123	$ 83,285,270	$ 78,568,370	$ 73,404,186
Industrial										
Customers	16,715	14,061	11,650	11,276	11,086	10,799	10,469	10,028	9,715	9,434
Kilowatt-Hours	3,719,192,867	3,348,849,719	3,350,207,607	3,283,024,634	3,142,066,154	3,197,371,597	3,053,274,878	2,711,186,680	2,465,353,152	2,350,591,708
Revenue	$ 80,623,704	$ 58,873,235	$ 42,835,867	$ 34,336,978	$ 28,257,882	$ 27,009,675	$ 25,198,962	$ 23,063,838	$ 21,456,013	$ 20,210,103
Total Commercial & Industrial										
Customers	151,627	156,109	155,935	159,736	159,374	158,639	158,110	158,000	157,057	156,885
Kilowatt-Hours	10,940,241,896	11,235,983,767	12,366,089,869	11,840,149,202	11,182,063,333	10,809,272,539	10,237,026,145	9,463,098,914	8,668,388,861	8,043,584,000
Revenue	$278,153,170	$233,106,368	$198,243,262	$159,147,627	$132,343,205	$119,428,335	$112,079,085	$106,349,108	$100,024,383	$ 93,614,289
PUBLIC STREET & HIGHWAY LIGHTING										
Kilowatt-Hours	316,249,928	313,410,643	307,601,355	253,809,697	237,091,615	222,624,230	212,020,962	211,718,117	204,238,031	195,098,891
Revenue	$ 13,484,079	$ 11,785,057	$ 9,641,039	$ 7,246,819	$ 6,301,534	$ 5,644,482	$ 5,369,701	$ 5,666,378	$ 5,523,892	$ 5,345,320
SALES TO WATER SYSTEM										
Kilowatt-Hours	92,484,293	86,164,287	85,548,156	83,071,970	92,460,035	85,568,866	88,104,464	108,332,700	91,127,470	104,842,192
Revenue	$ 2,152,597	$ 1,608,130	$ 1,210,536	$ 988,256	$ 917,429	$ 815,805	$ 819,962	$ 933,492	$ 822,059	$ 882,659
TOTAL SALES TO ULTIMATE CUSTOMERS										
Customers	1,113,935	1,115,918	1,108,038	1,099,034	1,100,135	1,092,092	1,082,609	1,072,985	1,060,118	1,043,520
Kilowatt-Hours	15,741,755,761	15,931,027,811	17,454,870,038	16,792,594,286	15,879,394,596	15,231,137,105	14,402,996,478	13,415,743,653	12,311,404,580	11,426,626,851
Revenue	$446,681,452	$376,015,190	$325,912,553	$265,361,173	$225,664,635	$203,610,417	$191,709,734	$183,181,276	$172,644,068	$161,927,127
JNYO-MONO AREA										
TOTAL SALES										
Customers	3,699	3,659	3,639	3,581	3,489	3,417	3,383	3,348	3,429	3,386
Kilowatt-Hours	56,595,926	55,928,094	59,020,983	59,576,537	55,479,738	53,203,161	50,718,658	61,239,934	63,337,245	60,395,731
Revenue	$ 1,811,485	$ 1,573,049	$ 1,414,033	$ 1,180,026	$ 998,012	$ 923,324	$ 883,863	$ 938,332	$ 926,158	$ 875,212
ENTIRE POWER SYSTEM										
TOTAL SALES TO ULTIMATE CUSTOMERS										
Customers	1,117,634	1,119,577	1,111,677	1,102,615	1,103,624	1,095,509	1,085,992	1,076,333	1,063,547	1,046,906
Kilowatt-Hours	15,798,351,687	15,986,955,905	17,513,891,021	16,852,170,823	15,934,874,334	15,284,340,266	14,453,715,136	13,476,983,587	12,374,741,825	11,487,022,582
Revenue	$448,492,937	$377,588,239	$327,326,586	$266,541,199	$226,662,647	$204,533,741	$192,593,597	$184,119,608	$173,570,226	$162,802,339
TOTAL SALES (Incl. Sales to Other Elec. Util.)										
Kilowatt-Hours	16,267,803,937	16,372,501,560	17,700,536,525	16,975,855,428	15,972,164,576	15,317,103,196	14,504,242,193	13,489,646,708	12,377,232,465	11,488,534,546
Revenue	$450,845,803	$379,031,731	$328,046,596	$266,979,365	$226,850,109	$204,725,274	$192,789,197	$184,194,468	$173,632,921	$162,819,938

* In July 1972 approximately 4,000 Traffic Control Customers were changed from the Commercial class to Public Street and Highway Lighting.

Financial Planning Section
Power System Exec. Office
DTN:cc

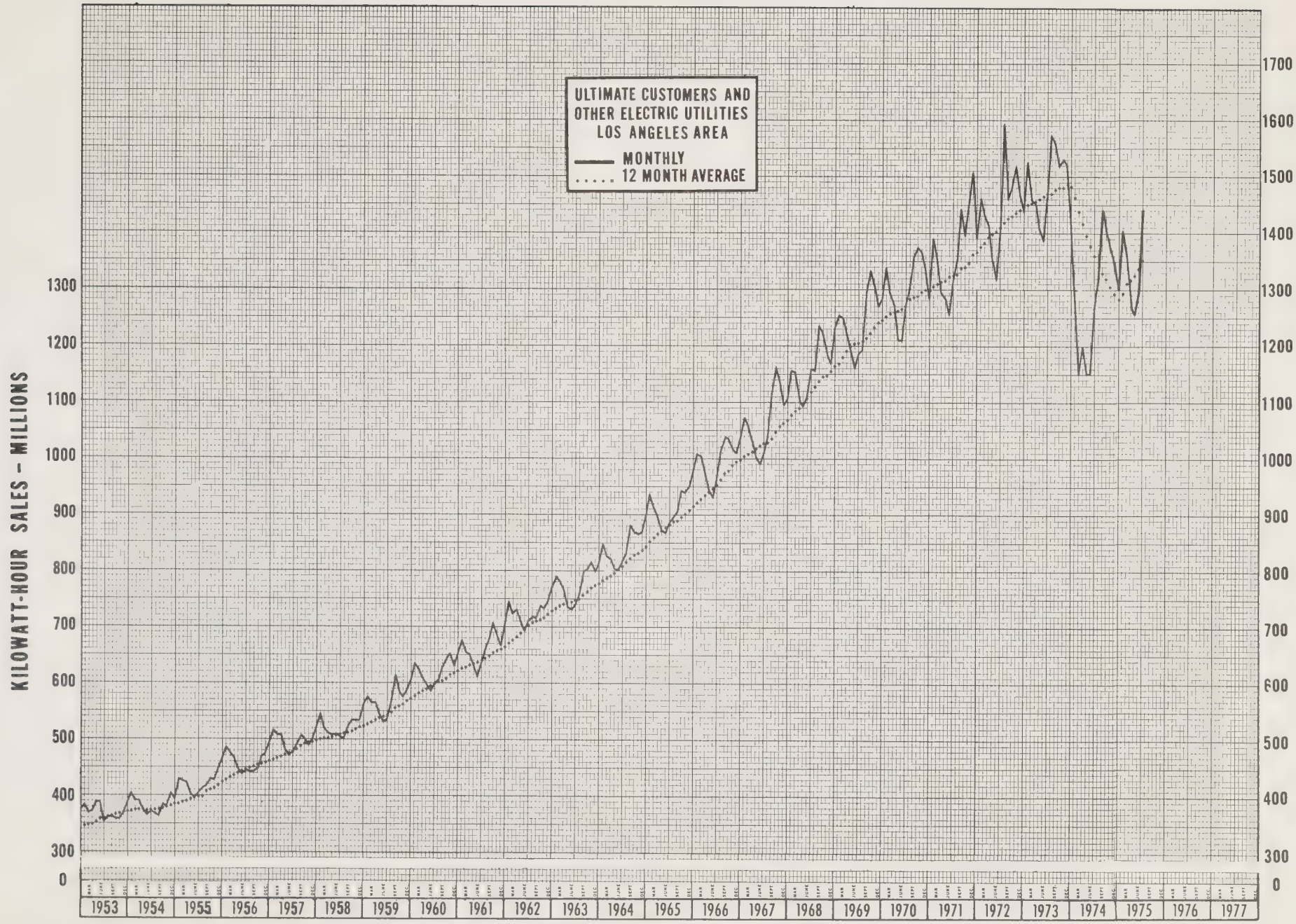
ENERGY USE AND REVENUE PER CUSTOMER - & - AVERAGE RATE PER KILOWATT-HOUR
(Per Customer Figures Based on Average Active Accounts)

City of Los Angeles - Department of Water and Power - Power System

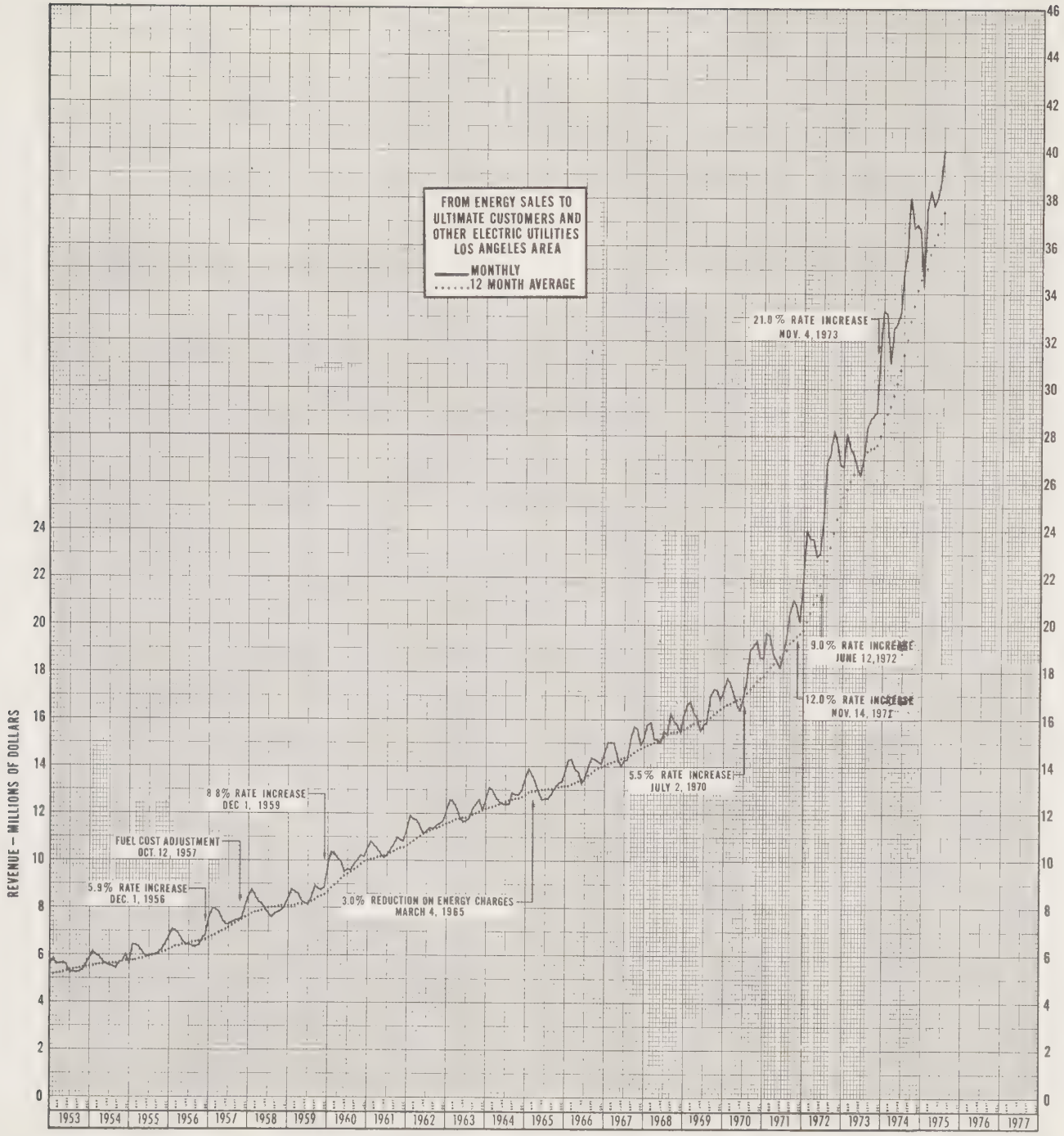
	Average Monthly Amount - For Year Ending June 30									
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
LOS ANGELES CITY AREA										
RESIDENTIAL										
Kwh per Customer	382.5	375.0	413.3	410.0	387.3	367.7	348.8	331.2	309.2	290.1
Revenue per Customer	$ 13.31	$ 11.31	$ 10.28	$ 8.70	$ 7.64	$ 6.95	$ 6.63	$ 6.40	$ 6.12	$ 5.84
Average Rate per Kwh	3.48¢	3.02¢	2.49¢	2.12¢	1.97¢	1.89¢	1.90¢	1.93¢	1.98¢	2.01¢
COMMERCIAL AND INDUSTRIAL										
Commercial (Incl. Governmental)										
Kwh per Customer	4,460.3	4,627.0	5,207.2	4,803.3	4,518.3	4,290.6	4,054.8	3,802.5	3,508.3	3,217.5
Revenue per Customer	$122.01	$102.22	$ 89.76	$ 70.06	$ 58.49	$ 52.09	$ 49.04	$ 46.90	$ 44.44	$ 41.49
Average Rate per Kwh	2.74¢	2.21¢	1.72¢	1.46¢	1.30¢	1.21¢	1.21¢	1.23¢	1.27¢	1.29¢
Industrial										
Kwh per Customer	18,542.2	19,847.2	23,964.3	24,261.7	23,616.8	24,673.4	24,304.1	22,530.2	21,147.3	20,763.5
Revenue per Customer	$401.95	$348.92	$306.41	$253.75	$212.40	$208.43	$200.58	$191.66	$184.05	$178.52
Average Rate per Kwh	2.17¢	1.76¢	1.28¢	1.05¢	0.90¢	0.85¢	0.83¢	0.85¢	0.87¢	0.86¢
Total Commercial and Industrial										
Kwh per Customer	6,012.7	5,997.9	6,608.6	6,176.9	5,846.8	5,678.1	5,395.5	4,991.1	4,599.4	4,272.6
Revenue per Customer	$152.87	$124.44	$105.94	$ 83.03	$ 69.20	$ 62.74	$ 59.07	$ 56.09	$ 53.07	$ 49.73
Average Rate per Kwh	2.54¢	2.08¢	1.60¢	1.34¢	1.18¢	1.11¢	1.10¢	1.12¢	1.15¢	1.16¢
TOTAL SALES TO ULTIMATE CUSTOMERS										
Kwh per Customer	1,177.6	1,189.7	1,312.7	1,273.3	1,202.8	1,162.2	1,108.7	1,041.9	967.8	912.5
Revenue per Customer	$ 33.42	$ 28.08	$ 24.51	$ 20.12	$ 17.09	$ 15.54	$ 14.76	$ 14.23	$ 13.57	$ 12.93
Average Rate per Kwh	2.84¢	2.36¢	1.87¢	1.58¢	1.42¢	1.34¢	1.33¢	1.37¢	1.40¢	1.42¢

Financial Planning Section
Power System Exec. Office
DFN:cc

ENERGY SALES

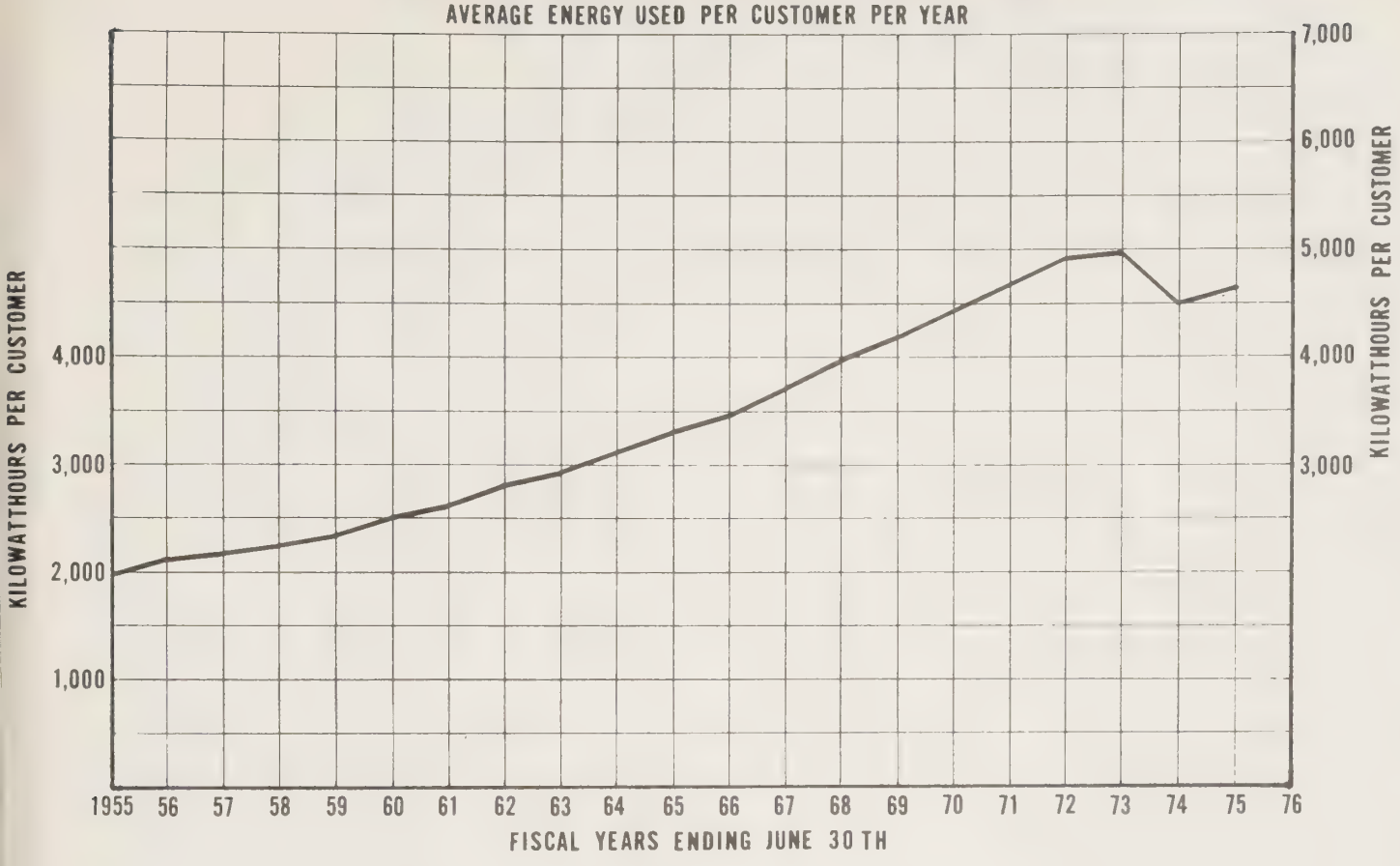


REVENUE


FROM ENERGY SALES TO ULTIMATE CUSTOMERS AND OTHER ELECTRIC UTILITIES LOS ANGELES AREA
MONTHLY
12 MONTH AVERAGE
REVENUE – MILLIONS OF DOLLARS
21.0% RATE INCREASE NOV. 4, 1973
9.0% RATE INCREASE JUNE 12, 1972
12.0% RATE INCREASE NOV. 14, 1971
5.5% RATE INCREASE JULY 2, 1970
8.8% RATE INCREASE DEC 1, 1959
FUEL COST ADJUSTMENT OCT. 12, 1957
5.9% RATE INCREASE DEC. 1, 1956
3.0% REDUCTION ON ENERGY CHARGES MARCH 4, 1965
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46
1953 1954 1955 1956 1957 1958 1959 1940 1961 1962 1963 1964 1965 1966 1967 1968 1959 1970 1971 1972 1973 1974 1975 1976 1977

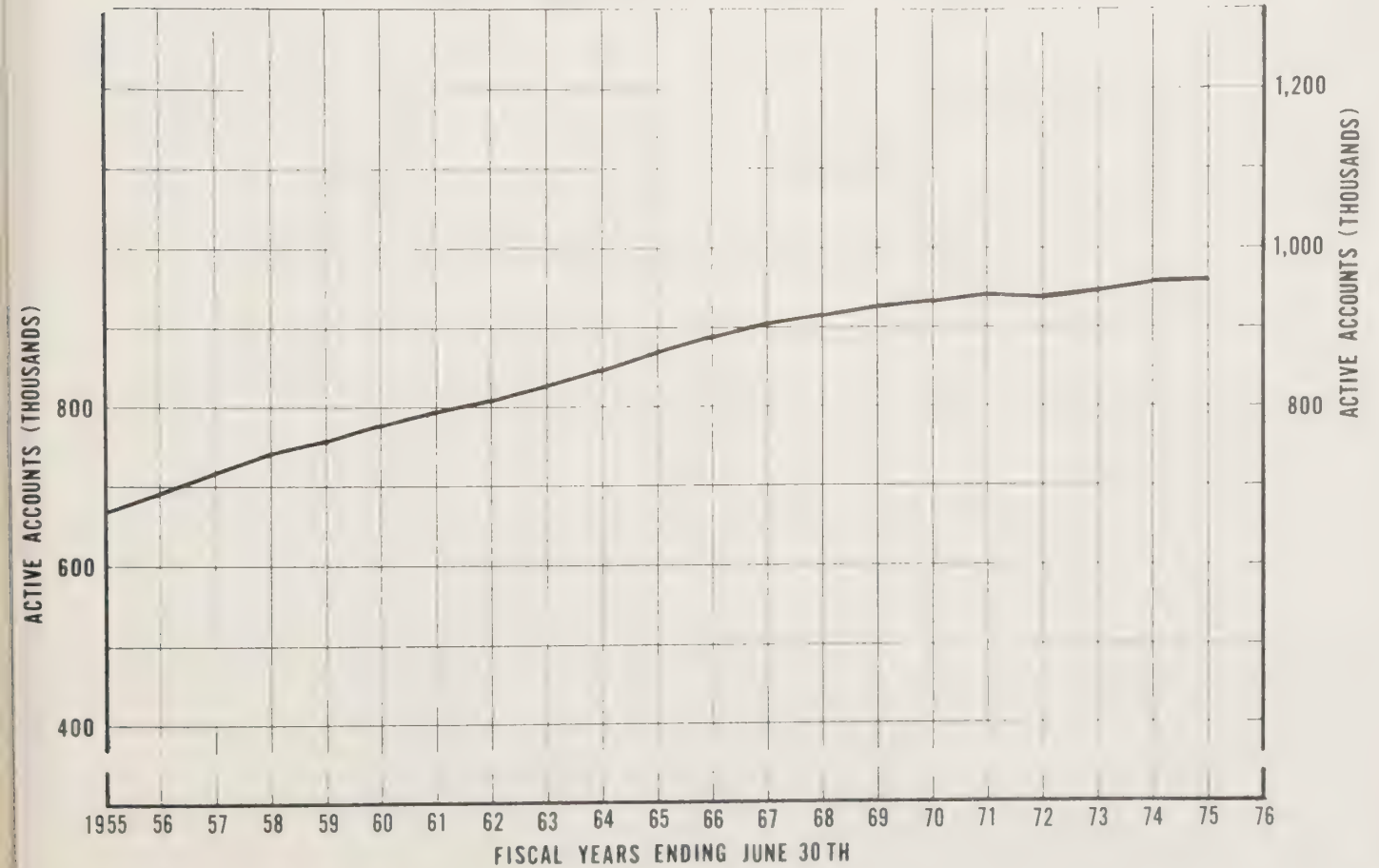
RESIDENTIAL SERVICE - LOS ANGELES AREA

AVERAGE ENERGY USED PER CUSTOMER PER YEAR



RESIDENTIAL SERVICE - LOS ANGELES AREA

AVERAGE NUMBER OF ACTIVE ACCOUNTS PER YEAR


ACTIVE ACCOUNTS (THOUSANDS)
1,200
1,000
800
600
400
ACTIVE ACCOUNTS (THOUSANDS)
1955 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76
FISCAL YEARS ENDING JUNE 30 TH

DEPARTMENT OF WATER AND POWER - CITY OF LOS ANGELES

POWER SYSTEM

COMPARATIVE STATISTICS FOR THE TEN YEARS ENDING JUNE 30, 1975

	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
Operating revenues	$ 451,783,053	$ 380,577,796	$ 329,441,228	$ 268,300,706	$ 228,123,932	$ 205,775,854	$ 193,817,306	$ 185,121,001	$ 174,480,377	$ 163,689,038
Operating expenses (less depreciation)	$ 292,008,971	$ 216,603,663*	$ 206,352,066	$ 174,806,010	$ 142,098,478	$ 124,628,297	$ 116,044,933	$ 107,380,868	$ 102,825,137	$ 96,578,541
Percent of operating revenue	64.6	56.9	62.6	65.2	62.3	60.6	59.9	58.0	58.9	59.0
Depreciation	$ 47,937,275	$ 41,192,969	$ 38,476,990	$ 36,237,842	$ 34,164,235	$ 31,749,823	$ 29,936,780	$ 29,094,721	$ 27,056,145	$ 25,437,193
Percent of operating revenues	10.6	10.8	11.7	13.5	15.0	15.4	15.4	15.7	15.5	15.5
Long-term debt expense	$ 58,911,495	$ 51,695,092	$ 43,385,530	$ 36,771,610	$ 30,358,831	$ 23,804,473	$ 18,449,100	$ 16,125,820	$ 14,634,226	$ 13,102,045
Percent of operating revenues	13.0	13.6	13.2	13.7	13.3	11.6	9.5	8.7	8.4	8.0
Other income and expenses	$ 20,620,340	$ 23,278,684	$ 15,862,693	$ 10,169,923	$ 8,846,415	$ 7,492,103	$ 3,883,726	$ 2,229,591	$ 2,429,050	$ 2,002,135
Net income	$ 73,545,652	$ 94,364,756	$ 57,089,335	$ 30,655,167	$ 30,348,803	$ 33,085,364	$ 33,270,219	$ 34,749,183	$ 32,393,919	$ 30,573,394
Payments to Reserve Fund of the City	$ 19,029,000	$ 16,472,000	$ 13,415,000	$ 11,406,000	$ 10,350,000	$ 9,256,000	$ 8,724,000	$ 8,184,000	$ 7,968,000	$ 7,578,000
Percent of net income	25.9	17.5	23.5	37.2	34.1	28.0	26.2	23.6	24.6	24.8
Taxes (included in operating expenses)	$ 3,404,775	$ 2,771,048	$ 2,654,022	$ 2,397,205	$ 1,860,030	$ 1,265,064	$ 1,250,658	$ 1,157,869	$ 1,232,648	$ 1,392,405
Percent of operating revenue	.8	.7	.8	.9	.8	.6	.6	.6	.7	.9
Maintenance (included in operating expenses)	$ 34,918,177	$ 28,135,160	$ 26,971,939	$ 24,534,617	$ 23,016,008	$ 19,745,650	$ 17,789,663	$ 17,213,628	$ 16,293,613	$ 14,859,579
Percent of operating revenue	7.7	7.4	8.2	9.1	10.1	9.6	9.2	9.3	9.3	9.1
Plant in service, excluding land	$1,952,305,798	$1,698,489,555	$1,544,433,885	$1,498,389,603	$1,425,015,819	$1,343,235,275	$1,222,401,433	$1,160,248,724	$1,121,410,641	$1,015,225,165
Accumulated provision for depreciation	$ 442,819,486	$ 406,228,073	$ 376,349,979	$ 351,335,623	$ 328,196,649	$ 309,320,312	$ 287,413,958	$ 265,895,850	$ 247,152,449	$ 236,136,419
Percent of plant in service	22.7	23.9	24.4	23.4	23.0	23.0	23.5	22.9	22.0	23.3
Net plant in service	$1,509,486,312	$1,292,261,482	$1,168,083,906	$1,147,053,980	$1,096,819,170	$1,033,914,963	$ 934,987,475	$ 894,352,874	$ 874,258,192	$ 779,088,746
Land	$ 49,169,913	$ 48,167,220	$ 47,015,878	$ 44,878,026	$ 41,588,872	$ 40,113,287	$ 38,517,966	$ 39,987,620	$ 38,564,155	$ 36,556,034
Construction work in progress	$ 275,467,396	$ 399,089,643	$ 377,036,310	$ 237,572,430	$ 160,815,215	$ 122,728,110	$ 108,644,125	$ 54,246,417	$ 19,307,870	$ 71,129,713
Net utility plant	$1,834,123,621	$1,739,518,345	$1,592,136,094	$1,429,504,436	$1,299,223,257	$1,196,756,360	$1,082,149,566	$ 988,586,911	$ 932,130,217	$ 886,774,493
Long-term debt	$1,258,031,273	$1,212,474,000	$1,017,315,000	$ 900,080,000	$ 760,811,000	$ 673,482,000	$ 589,503,000	$ 520,419,000	$ 479,188,000	$ 454,934,832
Percent of net utility plant	68.6	69.7	63.9	63.0	58.6	56.3	54.5	52.6	51.4	51.3
Contributions in aid of construction	$ 29,615,108	$ 27,978,505	$ 25,767,257	$ 24,233,181	$ 22,600,836	$ 22,126,719	$ 21,738,727	$ 19,823,227	$ 19,117,297	$ 17,906,202
Retained income	$ 762,587,342	$ 708,071,190	$ 630,178,434	$ 586,504,099	$ 567,254,932	$ 547,256,129	$ 523,426,765	$ 498,880,546	$ 472,315,363	$ 447,889,444

*Includes cumulative effect of deferral of incremental fuel costs (Note A to Financial Statements)

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